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AN EXPERIMENTAL INVESTIGATION OF SHOCK WAVE-TURBULENT BOUNDARY LAYER INTERACTIONS WITH AND WITHOUT BOUNDARY LAYER SUCTION - A DATA SUMMARY REPORT

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16. Abstract

A compilation of tabulated data from a series of experimental studies of the interaction of a shock wave with a turbulent boundary layer in axisymmetric flow configurations is presented. The studies were conducted at the walls of circular wind tunnels and on the cylindrical centerbody of an annular flow channel. Detailed pitot pressure profiles and wall static pressure profiles upstream of, within and downstream of the interaction region are given. Results are presented for flows at nominal freestream Mach Numbers of 2, 3 and 4. For studies at the tunnel sidewalls the shock waves were produced by conical shock generators mounted on the centerline of the wind tunnel at zero angle of attack. The annular ring generator was used to produce the shock wave at the centerbody of the annular flow channel. The effects of boundary layer bleed were examined in the investigation. Both bleed rate and bleed location were studied. Most of the bleed studies were conducted with bleed holes drilled normal to the wall surface but the effects of slot suction were also examined. A summary of the principal results and conclusions is given.

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AN EXPERIMENTAL INVESTIGATION OF SHOCK WAVE-TURBULENT BOUNDARY LAYER INTERACTIONS WITH AND WITHOUT BOUNDARY LAYER SUCTION-- A DATA SUMMARY REPORT

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SUMMARY

A compilation of tabulated data from a series of experimental studies of the interaction of a shock wave with a turbulent boundary layer in axi-symmetric flow configurations is presented. The studies were conducted at the walls of circular wind tunnels and on the cylindrical centerbody of an annular flow channel. Detailed pitot pressure profiles and wall static pressure profiles upstream of, within, and downstream of the interaction region are given. Results are presented for flows at nominal freestream Mach numbers of 2, 3 and 4. For studies at the tunnel sidewalls the shock waves were produced by conical shock generators mounted on the centerline of the wind tunnel at zero angle of attack. An annular ring generator was used to produce the shock wave at the centerbody of the annular flow channel. The effects of boundary layer bleed were examined in the investigation. Both bleed rate and bleed locations were studied. Most of the bleed studies were conducted with bleed holes drilled normal to the wall surface but the effects of slot suction were also examined. This report is primarily a data summary report. However, a summary of the principal results and conclusions is given.

INTRODUCTION

For the past several years the interaction of oblique shock waves with turbulent boundary layers in axially-symmetric flow configurations has been the subject of extensive analytical and experimental investigations in the Department of Mechanical Engineering at the University of Washington. The interactions under study simulated those encountered in axially symmetric engine inlets of supersonic aircraft. The results and conclusions of these studies are presented in the various separate MS and PhD theses and reports listed as References 1 - 7. However, tabulations of the experimental data have not been included in these references. This report presents a compilation of the detailed boundary layer profile data and wall static pressure data obtained in these studies. The main purpose of the report is to make the tabulated data available in an easily useable form.

Two basic aerodynamic configurations were used in the studies. In the first, in simulation of a shock wave-boundary layer interaction on the cowl of a supersonic inlet, the boundary layer on the wall of a circular wind tunnel wall was impinged upon by a shock wave or waves generated by a conical centerbody placed at zero angle of attack on the tunnel centerline.

The centerbodies were simple cones which generated one incident shock wave, or double cones which generated two consecutive incident shock waves. The double-cone shock wave generators had conical tips which broke to larger angles at selected distances downstream of the tips. In the second configuration, which was intended to simulate the shock wave-boundary layer interaction on the centerbody of a supersonic inlet, the boundary layer which developed on a constant radius centerbody was impinged upon by a shock wave from a co-annular shock generator. For both configurations, the effects of boundary layer suction were investigated. In one study, slot suction was used; in the others, the bleed air was removed through holes drilled normal to the test section surface.

SYMBOLS

A	=	$\{[(\gamma-1)/2]M_e^2/(T_w/T_e)\}^{1/2}$
a	=	a constant in the wall-wake profile
B	=	$\{(1+[(\gamma-1)/2]M_e^2)/(T_w/T_e)\}-1$
C	=	a constant in the law of the wall (usually equals 5.1)
C_f	=	skin friction coefficient, $\tau_w/(1/2)\rho_e u_e^2$
K	=	constant in mixing length (usually 0.4)
M	=	Mach number
r	=	radial coordinate
R	=	radial coordinate from tunnel centerline
R_e	=	Reynolds number
T	=	temperature
u	=	velocity in streamwise direction
u^*	=	(u_e/A) arc sin $\{[(2A^2u/u_e)-B]/(B^2+4A^2)^{1/2}\}$
u_τ	=	friction velocity, $(\tau_w/\rho_w)^{1/2}$
x	=	axial coordinate, measured from shock generator tip
y	=	coordinate normal to the wall
r	=	ratio of specific heat
δ	=	boundary layer thickness

δ^* = displacement thickness

η = y/δ

o = momentum thickness of the boundary l yer

ν = kinematic viscosity

Π = coefficient of wake function

ρ = mass density

δ = $[(\gamma-1)/2]M_e^2/\{1+(\gamma-1)/2]M_e^2\}$

Subscripts

e = conditions at the edge of the boundary layer

w = conditions at the wall

∞ = freestream conditions

DESCRIPTION OF EXPERIMENTAL APPARATUS

The experimental apparatus used in the studies was designed specifically for the study of shock wave-boundary layer interactions in axially-symmetric flow. Figure 1 shows a schematic diagram of the experimental configuration used in the study of interactions on the wind tunnel side wall. The contours of the axi-symmetric nozzles were designed by the method of characteristics. Nozzles with nominal exit Mach numbers of 2, 3 and 4 were used. The exit-plane diameters of the nozzles were approximately two inches (5.08 cm). For each nozzle a row of boundary layer trips was placed in the converging section ahead of the nozzle throat to insure a turbulent boundary layer. The trips consisted of triangles of 0.013-inch thick sandpaper cemented to the nozzle wall. The nozzles and the constant-diameter test sections downstream of the nozzle exit were constructed from transparent plastic material so that visual observation of the interaction sites was possible in studies which did not involve bleed. The centerbody consisted of a rear support section to which could be attached interchangeable conical tips. The centerbody served as the shock wave generator. The axial position of the tip of the centerbody could be changed to allow a continuous variation of the shock-impingement location on the wall.

The test sections for the boundary layer bleed studies were more complicated. Figures 2 shows a sketch of a test section with bleed holes. The depression around the outside of the section provided the volume required for the bleed plenum chamber. For the slot suction, the bleed holes were replaced by a continuous bleed slot which was machined in the wall at an angle of 30 degrees with respect to the freestream flow direction. The two-piece test section was then mounted inside a tight-fitting cylindrical

sleeve. The bleed slot width could be varied but for the results reported here was maintained at 0.027-inch (0.069 cm), as measured in a direction normal to the slot.

A schematic diagram of the facility used in the study of interactions on a centerbody is shown in Figure 3. It consisted of an annular nozzle designed by the method of characteristics and a test section. A hollow 0.93-inch (2.36 cm) outside diameter cylindrical centerbody, which was placed on the centerline of the plenum chamber, nozzle and test section, extended from outside the plenum at the upstream end completely through the apparatus and into the vacuum chamber into which the system exhausted. Sandpaper boundary layer trips were located on the centerbody just upstream of the nozzle throat to help insure a fullv turbulent boundary layer.

The co-annular shock wave generators were constructed of aluminum and held in place by bolts inserted through the outer test section walls. The shock generator was designed so that the leading edge was 0.20-inch (0.508 cm) from the outer wall. This placed the leading edge well inside the uniform freestream flow since the measured outer wall boundary layer thickness was about 0.13-inch (0.33 cm). The test section outer wall was scooped out in the region behind the shock generator to avoid choking. In suction studies on the centerbody the bleed flow was removed through the upstream end of the hollow centerbody.

INSTRUMENTATION

Standard instrumentation was used to determine tunnel flow conditions. The tunnel total pressure was measured by means of a static pressure orifice located in the plenum chamber wall. Total pressures below 40 psi (27.6 N/cm^2) (atmospheric reference) were read on a mercury manometer, and higher values were read on a pressure gage. The maximum error in the tunnel total pressure was estimated to be about 0.7% of the reading.

The tunnel plenum temperature was measured with an iron-constantan thermocouple. The estimated maximum error in the total temperature measurement was 1% of the absolute temperature.

The surface static pressures were sensed at 0.013-inch (0.033 cm) diameter pressure taps installed axially along the test section wall. Taps were also installed at intervals around the periphery of the test section to permit checking of symmetry. The pressure ports were connected to an absolute strain-gage pressure transducer with a range of 0 - 10 psia (0 - 6.89 N/cm^2). A typical installation is illustrated in Figure 4a. The maximum error for the static pressures, including potentiometer error, was about 2% of the reading.

Pitot pressure measurements were obtained using long curved probes (Figure 4b) with tips flattened to dimensions of approximately 0.009-inch (0.0228 cm) high x 0.026-inch (0.066 cm) wide. A differential strain gage pressure transducer with a range of $\pm$ 25 psi ($\pm$ 17.2 N/cm^2) (atmospheric

reference) was used as the sensing element. The transducer output was read on a potentiometer. The maximum error after conversion to absolute pressure was about 3% of the absolute reading.

The boundary layer suction mass-flow rate was measured using long-radius flow nozzles that were constructed according to ASME Standards (Ref. 8). The nozzles were calibrated in place by metering the flow with a previously calibrated square-edged orifice. The results obtained from the calibration of one of the flow nozzles are shown in Figure 5. The total temperature of the suction flow was measured with an iron-constantan thermocouple. The metering nozzles had a lower resolution limit of approximately 0.002 lbm/sec (0.0009 kg/sec) and an estimated maximum error of $\pm$ 5% of the measured flow rate.

DATA REDUCTION

Since the data reported in References 1 - 7 were obtained over a considerable period of time, changes occurred from reference to reference, in the format of data presentation. These data have all been reprocessed and in this report are presented in a uniform format. The x-coordinate is parallel to the tunnel centerline with the shock generator tip taken as the x = 0 reference point. The y-coordinate is perpendicular to the tunnel centerline with the solid wall at which boundary layer profiles were obtained, taken as the $y = 0$ reference point (see Figures 1 and 3).

Mach numbers across the boundary layer were calculated from the ratio of pitot pressure to surface static pressure for all points on the profiles. It should be noted that upstream and downstream of the interactions the static pressure was relatively constant across the boundary layer so that the use of the wall static pressure in calculating the Mach number profiles should lead to reasonably accurate results. In an interaction region, however, the static pressure variation across the boundary layer could be quite large so that the tabulated values of Mach number may differ considerably from the true values. In all the experiments summarized here the heat transfer between the solid walls and the air stream was very small. Thus, an adiabatic wall condition has been assumed, and the boundary layer flows have been assumed to be isoenergetic. The velocities, then, for all points were calculated from the local Mach numbers assuming the total temperature to be equal to the freestream total temperature. (NOTE - In connection with the tabulated velocities, see the comment above regarding the assumption of constant static pressure across the boundary layer in the calculation of Mach number profiles. The tabulated velocities as listed do not take into account the static pressure variation across the boundary layer.)

The boundary layer thickness and skin friction coefficient for each profile were determined from a least-squares fit of a wall-wake velocity profile to the experimental profiles. The wall-wake velocity profile representation of isoenergetic turbulent boundary layer flow developed by Mathews et al., [9] and subsequently modified by Sun and Childs [10] may be written as,

$$\frac{u}{u_e} = \frac{1}{\sigma^{1/2}} \sin \{\arc \sin \sigma^{1/2} [1 + \frac{1}{K} \frac{u_\tau}{u_e^*} (\ln \eta + \frac{2}{a} (1 - \eta^a)^{1/2}$$

$$- \frac{2}{a} \ln (1 + (1 - \eta^a)^{1/2}) - \frac{\Pi}{K} \frac{u_\tau}{u_e^*} (1 + \cos \eta\pi)]\} \quad (1)$$

where

$$\frac{\Pi}{K} = \frac{1}{2} \{(\frac{u_e^*}{u}) - (\frac{1}{K}) \ln (\frac{\delta u_\tau}{\nu_w}) - 5.1 + \frac{0.614}{aK}\} \quad (2)$$

In this report a value of a = 1 which corresponds to an assumption of a linear shear stress distribution in the derivation of the law-of-the-wall has been assumed. K has been taken as K = 0.4. Equations (1) and (2) represent special cases (for isoenergetic flow) of a more recent version of the wall-wake profile which is applicable to non-adiabatic flows [11].

The values of δ and C_f determined by the fit of a wall-wake profile to experimental data have been found to agree well with δ based on $u/u_e = 0.995$ and C_f determined by the floating element technique for a wide range of flow conditions. For the studies summarized here the values of δ and C_f listed for the upstream and downstream profiles should be reasonably good. However, even though δ and C_f values have been listed for profiles in the interaction region, they may not be realistic because of possible inaccuracies in the velocity profiles.

For the axisymmetric flow configurations under consideration in this report, the displacement thickness δ^* and momentum thickness θ are defined by:

$$\int_{R-\delta}^{R} (1 - \frac{\rho u}{\rho_e u_e}) \, r \, dr = \int_{R-\delta^*}^{R} r \, dr \quad (3)$$

and

$$\int_{R-\delta}^{R} \frac{\rho u}{\rho_e u_e} (1 - \frac{u}{u_e}) \, r \, dr = \int_{R-\theta}^{R} r \, dr \quad (4)$$

for the boundary layer flow on the tunnel wall, where R is radius of the tunnel, and,

$$\int_{R}^{R+\delta} (1 - \frac{\rho u}{\rho_e u_e}) \, r \, dr = \int_{R}^{R+\delta^*} r \, dr \quad (5)$$

$$\int_R^{R+\delta} \left(1 - \frac{\rho u}{\rho_e u_e}\right) r\, dr = \int_R^{R+\delta^*} r\, dr \quad (5)$$

and

$$\int_R^{R+\delta} \frac{\rho u}{\rho_e u_e} \left(1 - \frac{u}{u_e}\right) r\, dr = \int_R^{R+\theta} r\, dr \quad (6)$$

for the boundary layer flow on the centerbody, R being the radius of the centerbody.

The code used to describe the geometrical configuration and freestream Mach number for the various tabulated profiles is given on page 15.

SUMMARY OF PRINCIPAL RESULTS AND CONCLUSIONS

1) Separation occurs at considerably lower equivalent shock strengths as measured in terms of flow deflection angle in the internal axially symmetric flow configurations examined in this study than have been reported in most earlier studies of flow separation. This apparently is due to the use of more sensitive techniques of detecting separation than were used in earlier studies. A separation of substantial extent apparently may occur low in the boundary layer without producing very pronounced effects on the overall flow. For shock strengths beyond a certain level rather abrupt changes in the overall flow field do occur.

2) Relatively small amounts of mass bleed near the center of the interaction region can prevent boundary layer separation in a flow for which a sizeable separated region would exist without suction. For example, for flow at M = 3.78 without suction and with δ = 0.13 inches (0.330 cm) ahead of the interaction, the shock produced by a 15° half-angle cone causes a separated region about 0.30 inches (0.762 cm) in length. By removing 3% of the boundary layer mass flow (as measured just ahead of the interaction) the separation can be eliminated and the extent of the interaction greatly reduced. Comparable results have been obtained for flow at M = 2.82 and M = 1.99, as well as for centerbody interactions.

3) Mass removal near the center of the interaction appears to be a more effective means of eliminating separation than mass removal upstream of the interaction. For example, in the study at M = 3.78 cited under (2) above, separation could be prevented by removing 3% of the initial boundary layer mass flow at a

cross-section in the interaction region. This was accomplished by removing mass through a single row of 0.064 inch (0.163 cm) diameter holes placed 0.10 inches (0.254 cm) on center around the periphery of the tunnel. To accomplish the same effect with upstream bleed, four rows of bleed holes were required, these located just upstream of the beginning of the wall static pressure rise. Bleed in the interaction region can be accomplished more readily because pressures are higher and velocities are lower in the stream. With bleed upstream, bleed plenum pressures must be maintained at a considerably lower level than is necessary with bleed in the interaction region. This, of course, means that higher capacity pumping equipment is required if upstream bleed is to be employed.

4) For simple interactions of the type studied here, i.e., where such effects as change in angle of attack, non-steady flow, etc., are not a factor, slot bleed, properly positioned, appears to be a more effective method of mass removal than hole bleed, particularly with strong interactions. For best effectiveness, the slot apparently should be from 0.5 to 1.0 boundary layer thicknesses forward of the theoretical inviscid shock impingement point.

5) The boundary layer velocity profiles which arise downstream of shock wave-boundary layer interactions may be represented considerably better by a compressible form of the "law of the wall-law of the wake" (developed during the course of this study) than by the 1/m-power law. A least squares fit of the wall-wake profile to experimental profiles determines values of δ which agree well with those corresponding to $u/u_e = 0.995$.

6) Bleeding alcohol into the tunnel sidewalls appears to be an easy and reliable way to determine whether separation occurs in the interaction region. Although the alcohol itself may affect the extent of separation to some degree, the effect seems to be slight if the bleed rate is low and if the alcohol is introduced properly. As noted under (1) above, separation bubbles of substantial length may develop before large overall flowfield effects of the separation manifest themselves.

7) A shock wave-boundary layer interaction results in sharply higher turbulent mixing rates in the boundary downstream of the interaction, as evidenced by a substantially higher mass entrainment rate into the boundary layer. This may account in part for the fact that when multiple shock interactions with a boundary layer occur, as in the double-cone generated studies reported here, the flow at the downstream interactions is less susceptible to separation.

REFERENCES

1. Seebaugh, W.R., "An Investigation of the Interaction of a Shock Wave and a Turbulent Boundary Layer in Axially-Symmetric Internal Flow Including the Effect of Mass Bleed", PhD Thesis, 1968, Department of Mechanical Engineering, University of Washington, Seattle, Washington.

2. Mathews, D.C., "Shock Wave-Boundary Layer Interactions in Two-Dimensional and Axially Symmetric Flows Including the Influence of Suction", PhD Thesis, 1969, Department of Mechanical Engineering, University of Washington, Seattle, Washington.

3. Smith, J.E., "An Experimental Investigation of a Conical Shock Wave - Turbulent Boundary Layer Interaction at Mach 2.82 Including Suction Effects", MS Thesis, 1969, Department of Mechanical Engineering, University of Washington, Seattle, Washington.

4. Norris, R.M., "The Effect of Slot Suction on the Interaction of a Conical Shock Wave and a Turbulent Boundary Layer at Mach 2.82", MS Thesis, 1971, Department of Mechanical Engineering, University of Washington, Seattle, Washington.

5. Teeter, G.C., "An Experimental Investigation of the Interaction of a Shock Wave with a Decelerated Turbulent Boundary Layer", MS Thesis, 1971, Department of Mechanical Engineering, University of Washington, Seattle, Washington.

6. Sun, C.C. and Childs, M.E., "Flowfield Analysis for Successive Oblique Shock Wave-Turbulent Boundary Layer Interactions", Journal of Aircraft, Vol. 11, No. 1, January, 1974, pp. 54-59.

7. Renton, G.W., "An Experimental Investigation of Shock Wave-Turbulent Boundary Layer Interactions in Axisymmetric Flow at Mach 3.80 Including Suction Effects", MS Thesis, 1971, Department of Mechanical Engineering, University of Washington, Seattle, Washington.

8. "Fluid Meters, Their Theory and Application", fifth ed., The American Society of Mechanical Engineers, New York, 1959.

9. Mathews, D.C., Childs, M.E. and Paynter, G.C., "Use of Coles' Universal Wake Function for Compressible Turbulent Boundary Layers", Journal of Aircraft, Vol. 7, No. 2, 1970, pp. 137-140.

10. Sun, C.C. and Childs, M.E., "A Modified Wall Wake Velocity Profile for Turbulent Compressible Boundary Layers", Journal of Aircraft, Vol. 10, No. 6, 1973, pp. 381-383.

11. Sun, C.C. and Childs, M.E., "Wall-Wake Velocity Profile for Compressible Non-Adiabatic Flows", AIAA Journal, Vol. 14, No. 6, 1976, pp. 820-822.

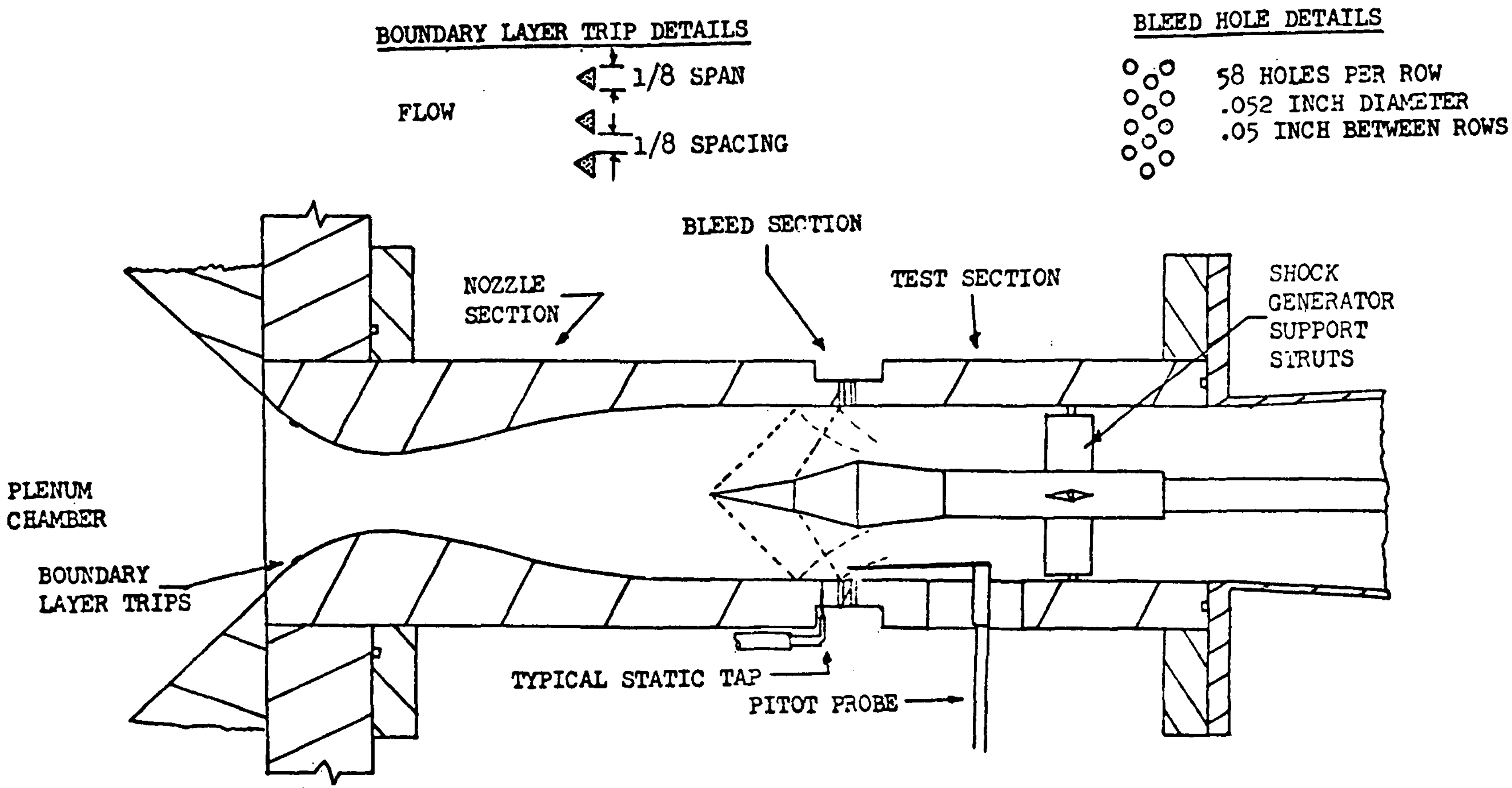


Figure 1. Sketch of Nozzle and Test Section for Sidewall Interaction Studies

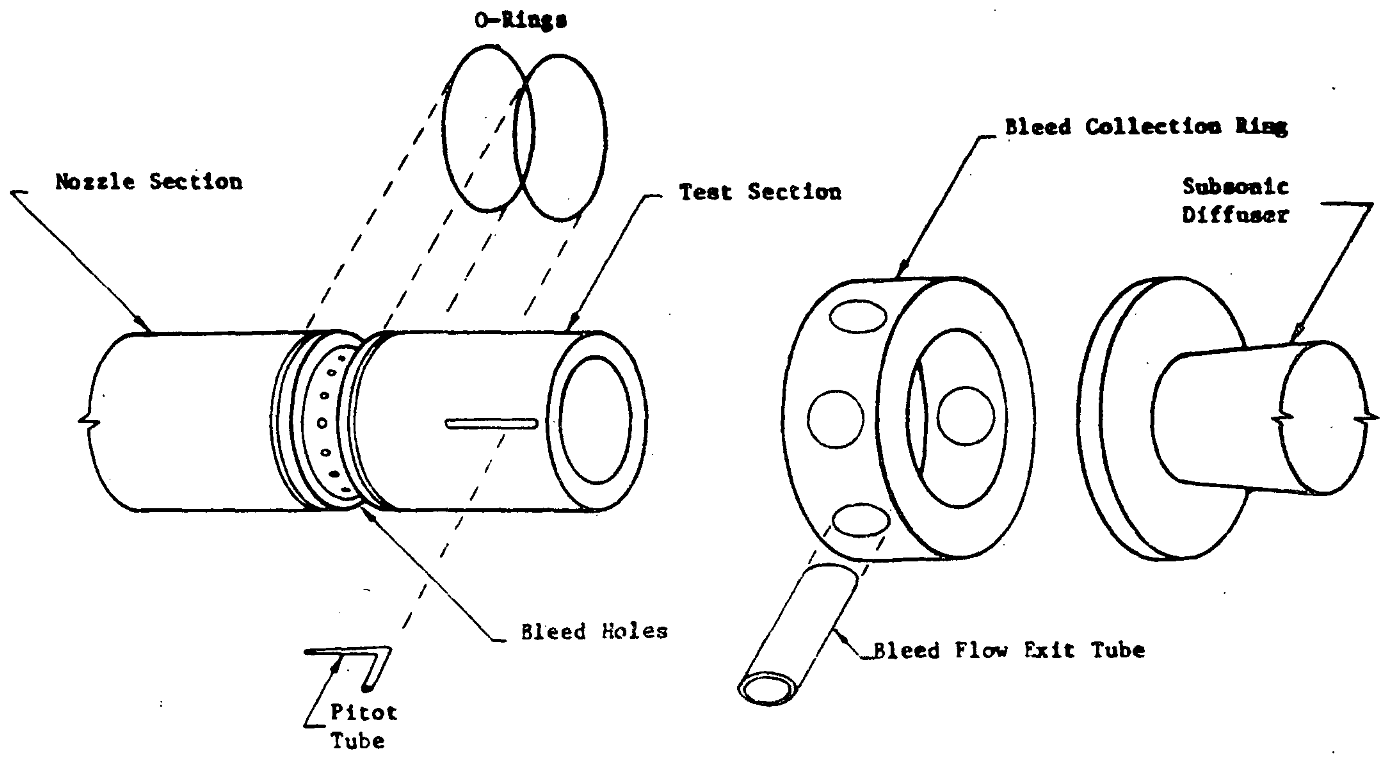


Figure 2.   Wind Tunnel Test Section

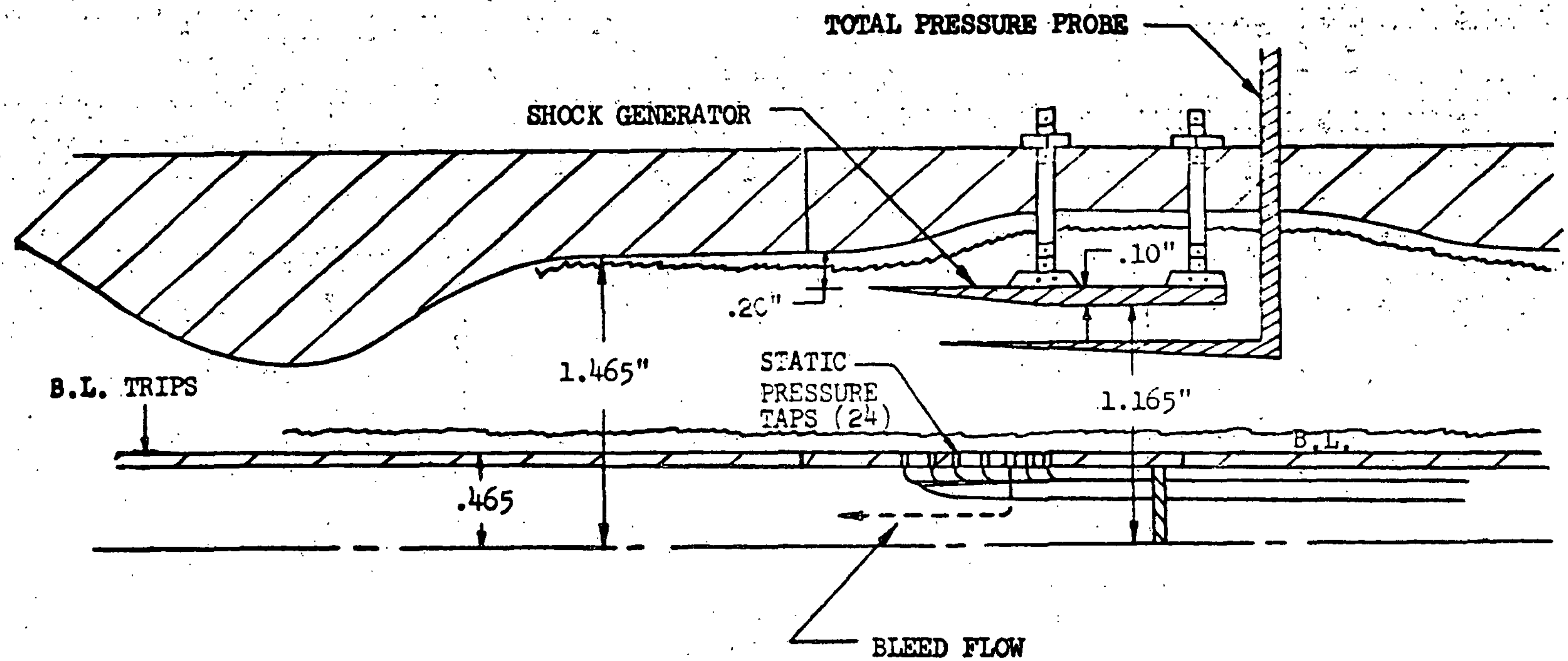
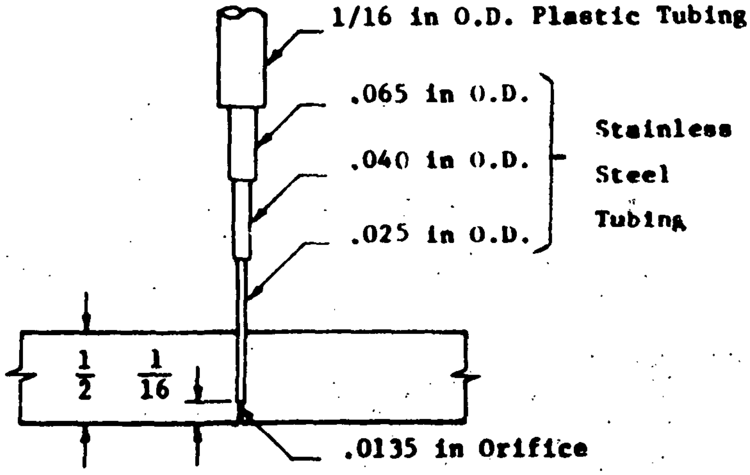
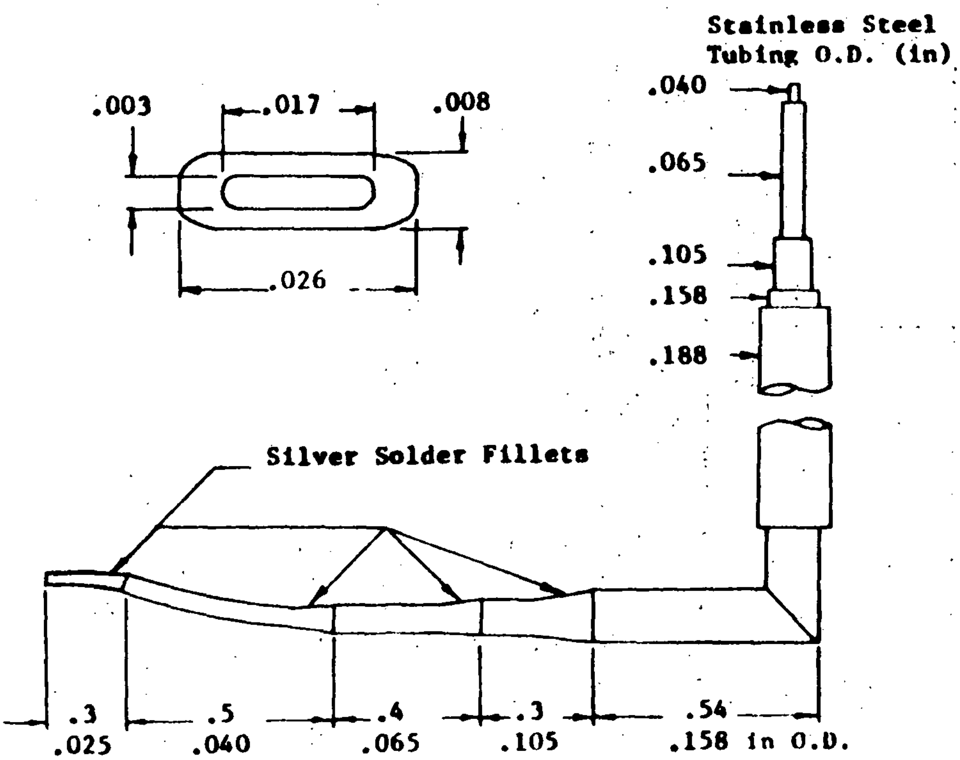


Figure 3. Annular Flow Channel Test Section for Centerbody Interaction Studies



(a) Static Pressure Tap.



(b) Pitot Probe.

Figure 4. Pressure Instrumentation

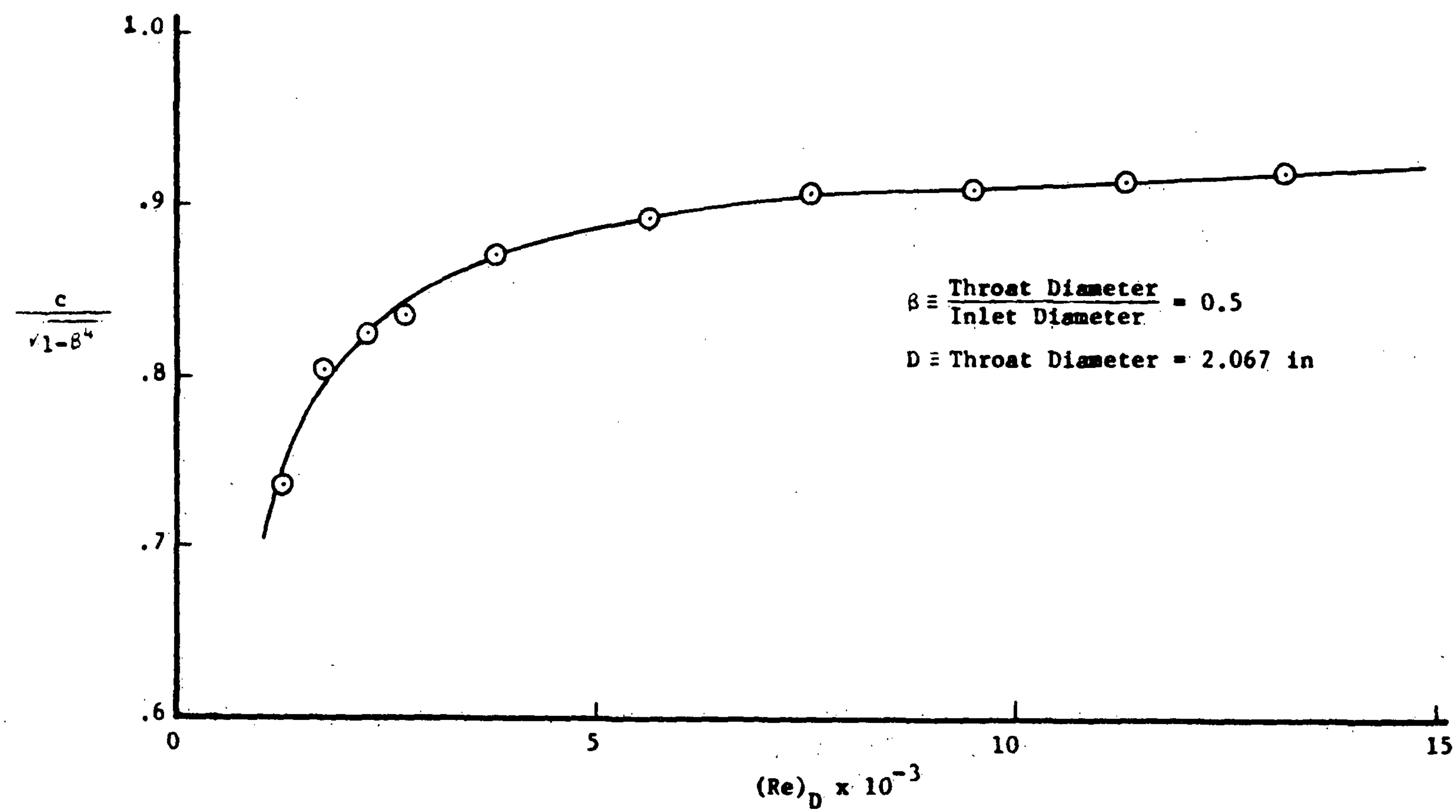


Figure 5. Flow Nozzle Calibration Curve

CODE FOR FREESTREAM MACH NUMBER AND FLOW CONFIGURATION

Code numbers for the various profiles have the form ABCDE-abc, where

A	=	1	=	Single Cone
	=	2	=	Double Cone
	=	3	=	Centerbody
B	=	1	=	Solid Wall
	=	2	=	Hole Bleed
	=	3	=	Slot Bleed
C	=			Nominal Freestream Mach Number
DE	=			Shock Generator Tip Angle in Degrees
abc	=			New Identification Number

Example

Mathews [2] Run Number 2040 = Code Number 11210-001 in this report.

NOTE: See comments on page 5 regarding accuracy of Mach number and velocity profiles in the interaction regions.

KEY TO TABULAR HEADINGS

CF	=	skin friction coefficient C_f
CM	=	centimeter cm
DELTA	=	boundary layer thickness δ
DELTA*	=	displacement thickness δ^*
E6/M	=	x 10^6 per meter
ID NO.	=	identification number
KG/CUB M	=	kg/m^3
M	=	Mach number
N/SQ CM	=	$Newton/cm^2$
PBAR	=	barometric pressure
PI	=	coefficient of wake function Π
PT	=	Pitot probe pressure
PTØ	=	total pressure
R	=	radius
Re	=	boundary layer edge Reynolds number
RHØ/RHØE	=	density ratio ρ/ρ_e
THETA	=	momentum thickness θ
TMAN	=	manometer temperature
TTØ	=	total temperature
U	=	local velocity
UE	=	boundary layer edge velocity
X	=	streamwise coordinate measured from tip of shock generator X.

TABLE I Summary of Data Compiled for Sidewall Interactions - Single Cone Shock Wave Generator

Identif. No.	Ref. No.	Orig. Run No.	M_∞	δ_c	Wall P.	Pitot P.	Bleed Config.	Bleed Rate Kg/sec.	Page No.
11210-001	2	2040	1.99	10°	X		Solid	0.	24
11210-002 -013	2	2041-2052	1.99	10°		X	Solid	0.	25-36
11212-001	2	2053	1.99	12°	X		Solid	0.	37
11212-002 -013	2	2054-2065	1.99	12°		X	Solid	0.	38-49
11213-001	2	2118	1.99	13°	X		Solid	0.	50
11213-002 -013	2	2119-2130	1.99	13°		X	Solid	0.	51-62
11214-001	2	2066	1.99	14°	X		Solid	0.	63
11214-002 -013	2	2067-2078	1.99	14°		X	Solid	0.	64-75
11215-001	2	2105	1.99	15°	X		Solid	0.	76
11215-002 -013	2	2106-2117	1.99	15°		X	Solid	0.	77-88
11215-014	2	2079	1.99	15°	X		Solid	0.	89
11215-015 -026	2	2080-2091	1.99	15°		X	Solid	0.	90-101
11216-001	2	2092	1.99	16°	X		Solid	0.	102
11216-002 -013	2	2093-2104	1.99	16°		X	Solid	0.	103-114
11217-001	2	2203	1.99	17°	X		Solid	0.	115
11310-001	1	233	2.82	10°	X		Solid	0.	116
11310-002 -016	1	234-248	2.82	10°		X	Solid	0.	117-130
11310-017	4	1000	2.82	10°	X		Solid	0.	131
11310-018 -027	4	1001-1010	2.82	10°		X	Solid	0.	132-138
11312-001	1	249	2.82	12°	X		Solid	0.	139
11312-002 -015	1	250-264	2.82	12°		X	Solid	0.	140-154

11312-016	4	1011	2.82	12°	X		Solid	0.	155
11312-017 -027	4	1012- 1022	2.82	12°		X	Solid	0.	156- 166
11313-001	1	1000	2.82	13°	X		Solid	0.	167
11313-002 -015	1	1001- 1014	2.82	13°		X	Solid	0.	168- 181
11314-001	1	265	2.82	14°	X		Solid	0.	182
11314-002 -015	1	266- 278	2.82	14°		X	Solid	0.	183- 196
11314-017	4	1022	2.82	14°	X		Solid	0.	197
11314-018 -029	4	1023- 1034	2.82	14°		X	Solid	0.	198- 209
11315-001	1	218	2.82	15°	X		Solid	0.	210
11315-002 -015	1	219- 232	2.82	15°		X	Solid	0.	211- 224
11315-016	4		2.82	15°	X		Solid	0.	225
11315-017 -028	4	1035- 1046	2.82	15°		X	Solid	0.	226- 236
11316-001	1	281	2.82	16°	X		Solid	0.	237
11316-002 -014	1	282- 294	2.82	16°		X	Solid	0.	238- 250
11316-015	4		2.82	16°	X		Solid	0.	251
11316-016 -027	4	1047- 1058	2.82	16°		X	Solid	0.	252- 263
11408-001	1	187	3.78	8°	X		Solid	0.	264
11408-002 -016	1	188- 204	3.78	8°		X	Solid	0.	265- 279
11410-001	1	149	3.78	10°	X		Solid	0.	280
11410-002 -015	1	150- 164	3.78	10°		X	Solid	0.	281- 294
11413-001	1	135	3.78	13°	X		Solid	0.	295
11413-002 -012	1	136- 146	3.78	13°		X	Solid	0.	296- 306
11414-001	1	165	3.78	14°	X		Solid	0.	307
11414-002 -014	1	166- 178	3.78	14°		X	Solid	0.	308- 320
11415-001	1	123	3.78	15°	X		Solid	0.	321

11415-002 -012	1	124-134	3.78	15°		X	Solid	0.	322-332
12210-001	2	2170	1.99	10°	X		Holes	0.00177	333
11210-002 -013	2	2171-2182	1.99	10°		X	Holes	0.00177	334-345
12213-001	2	2157	1.99	13°	X		Holes	0.000848	346
12213-002 -013	2	2158-2169	1.99	13°		X	Holes	0.000848	347-358
12213-014	2	2131	1.99	13°	X		Holes	0.00171	359
12213-015 -026	2	2132-2143	1.99	13°		X	Holes	0.00171	360-371
12213-027	2	2144	1.99	13°	X		Holes	0.00242	372
12213-028 -039	2	2145-2156	1.99	13°		X	Holes	0.00242	373-384
12215-001	2	2190	1.99	15°	X		Holes	0.00325	385
12215-002 -013	2	2191-2202	1.99	15°		X	Holes	0.00325	386-397
12215-014	2	2185	1.99	15°	X		Holes	0.00136	398
12215-015	2	2186	1.99	15°	X		Holes	0.00110	399
12215-016	2	2187	1.99	15°	X		Holes	0.00150	400
12215-017	2	2188	1.99	15°	X		Holes	0.00190	401
12215-018	2	2189	1.99	15°	X		Holes	0.00325	402
13312-001	4	2038	2.82	12°	X		Slot	0.00265	403
13312-002 -009	4	2039-2046	2.82	12°		X	Slot	0.00265	404-412
13312-010	4	2056	2.82	12°	X		Slot	0.00254	413
13312-011 -021	4	2057-2067	2.82	12°		X	Slot	0.00254	414-424
12313-001	3	1016	2.82	13°	X		Holes	0.00045	425
12313-002 -016	3	1017-1031	2.82	13°		X	Holes	0.00045	426-440
13314-001	4	2027	2.82	14°	X		Slot	0.00332	441
13314-002 -021	4	2028-2037	2.82	14°		X	Slot	0.00332	442-462
12315-001	3	1052	2.82	15°	X		Holes	0.0016	463
12315-002 -013	3	1053-1064	2.82	15°		X	Holes	0.0016	464-475

12315-015	3	1065	2.82	15°	X		Holes	0.00062	476
12315-016	3	1066	2.82	15°	X		Holes	0.00196	477
12315-017	3	1067	2.82	15°	X		Holes	0.00234	478
12315-018	3	1068	2.82	15°	X		Holes	0.0025	479
12315-019	3	1069	2.82	15°	X		Holes	0.00265	480
12315-020	3	1070	2.82	15°	X		Holes	0.002507	481
12315-021	3	1071	2.82	15°	X		Holes	0.00293	482
12315-022	3	1072	2.82	15°	X		Holes	0.00285	483
12315-023	3	1073	2.82	15°	X		Holes	0.0027	484
12315-024	3	1074	2.82	15°	X		Holes	0.0024	485
12315-025	3	1075	2.82	15°	X		Holes	0.00165	486
12315-026	3	1076	2.82	15°	X		Holes	0.00213	487
12315-027 -029	3	1077-1079	2.82	15°		X	Holes	0.00213	488-490
12315-030	3	1080	2.82	15°	X		Holes	0.00215	491
12315-031 -033	3	1081-1083	2.82	15°		X	Holes	0.00215	492-494
12316-001	1	1031	2.82	16°	X		Holes	0.00215	495
12316-002 -016	1	1032-1046	2.82	16°		X	Holes	0.00215	496-510
12316-017	1	1100	2.82	16°	X		Holes	0.0037	511
12316-018 -029	1	1101-1112	2.82	16°		X	Holes	0.0037	512-522
12316-030	3	1096	2.82	15°	X			0.00155	523
12316-031 -033	3	1097-1099	2.82	16°		X	Holes	0.00155	524-526
13316-001	4	2003	2.82	16°	X		Slot	0.00585	527
13316-002	4	2004	2.82	16°	X		Slot	0.00555	528
13316-003	4	2005	2.82	16°	X		Slot	0.00221	529
13316-004	4	2006	2.82	16°	X		Slot	0.0024	530
13316-005	4	2007	2.82	16°	X		Slot	0.00246	531
13316-006	4	2008	2.82	16°	X		Slot	0.00248	532
13316-007	4	2009	2.82	16°	X		Slot	0.00247	533
13316-008	4	2010	2.82	16°	X		Slot	0.00476	534
11316-009 -019	4	2011-2021	2.82	16°		X	Slot	0.00476	535-545

13316-020	4	2022	2.82	16°	X		Slot	0.00172	546
13316-021 -025	4	2023- 2027	2.82	16°		X	Slot	0.00172	547- 551
12318-001	1	1121	2.82	18°	X		Holes	0.005587	552
12318-002 -010	1	1122- 1130	2.82	18°		X	Holes	0.005587	553- 561
12318-011	1	1137	2.82	18°	X		Holes	0.00778	562
12318-012 -020	1	1138- 1147	2.82	18°		X	Holes	0.00778	536- 570
12318-021	3	1114	2.82	18°	X		Holes	0.000	571
12318-022	3	1115	2.82	18°	X		Holes	0.005862	572
12318-023	3	1116	2.82	18°	X		Holes	0.005739	573
12318-024	3	1117	2.82	18°	X		Holes	0.00486	574
12318-025	3	1118	2.82	18°	X		Holes	0.00402	575
12318-026	3	1119	2.82	18°	X		Holes	0.00369	576
12318-027	3	1120	2.82	18°	X		Holes	0.0029	577
12320-001	3	1148	2.82	20°	X		Holes	0.00915	578
12320-002	3	1149	2.82	20°	X		Holes	0.00819	579
12320-003	3	1150	2.82	20°	X		Holes	0.00596	580
02320-004	3	1151	2.82	20°	X		Holes	0.00546	581
12320-005	3	1152	2.82	20°	X		Holes	0.00476	582
12320-006	3	1152	2.82	20°	X		Holes	0.004077	583
12320-007	3	1154	2.82	20°	X		Holes	0.006525	584
12320-008	3	1155	2.82	20°	X		Holes	0.006160	585
12320-009	3	1156	2.82	20°	X		Holes	0.0050	586
12320-010	3	1157	2.82	20°	X		Holes	0.0046	587
12320-011	3	1158	2.82	20°	X		Holes	0.0040	588
12320-012	3	1159	2.82	20°	X		Holes	0.00318	589
12410-001	1	374	3.78	10°	X		Holes	0.001316	590
12410-002 -016	1	375- 389	3.78	10°		X	Holes	0.001316	591- 605
12410-017	1	421	3.78	10°	X		Holes	0.00308	606
12410-018 -033	1	422- 437	3.78	10°		X	Holes	0.00308	607- 622
12415-001	1	295	3.78	15°	X		Holes	0.00244	623

12415-002 -014	1	296-308	3.78	15°		X	Holes	0.00244	624-636
12415-015	1	360	3.78	15°	X		Holes	0.00188	637
12415-016 -027	1	361-372	3.78	15°		X	Holes	0.00188	638-649
12415-028	1	405	3.78	15°	X		Holes	0.00476	650
12415-029 -042		406-419	3.78	15°		X	Holes	0.00476	651-664

TABLE II Summary of Data Compiled for Sidewall Interactions - Double Cone Shock Wave Generator

Identif. No.	Ref. No.	Orig. No.	M_∞	δc_1	δc_2	Wall P.	Pitot P.	Bleed Config.	Bleed Rate Kg/sec.	Page No.
21310-001	2	10130	2.82	10°	13°	X		Solid	0.	665
21310-002 -023	5	10130	2.82	10°	13°		X	Solid	0.	666-687
21310-024	5	10140	2.82	10°	14°	X		Solid	0.	688
21310-025 -042	5	10140	2.82	10°	14°		X	Solid	0.	689-706
22310-001	5	10131	2.82	10°	13°	X		Holes	0.00190	707
22310-002 -016	5	10131	2.82	10°	13°		X	Holes	0.00190	708-722
22310-017	5	10141	2.82	10°	14°	X		Holes	0.00463	723
22310-018 -030	5	10141	2.82	10°	14°		X	Holes	0.00463	724-736
22310-031	5	10132	2.82	10°	13°	X		Holes	0.0073	737
22310-032 -048	5	10132	2.82	10°	13°		X	Holes	0.0073	738-754
22310-049	5	10142	2.82	10°	14°	X		Holes	0.00725	755
22310-050 -064	5	10142	2.82	10°	14°		X	Holes	0.00725	756-770
22310-065	5	10142	2.82	10°	14°	X		Holes	0.0096	771
22310-066 -081	5	10142	2.82	10°	14°		X	Holes	0.0096	772-787
21410-001	6	324	3.82	10°	13°	X		Solid	0.	788
21410-002 -019	6	324	3.82	10°	13°		X	Solid	0.	789-806

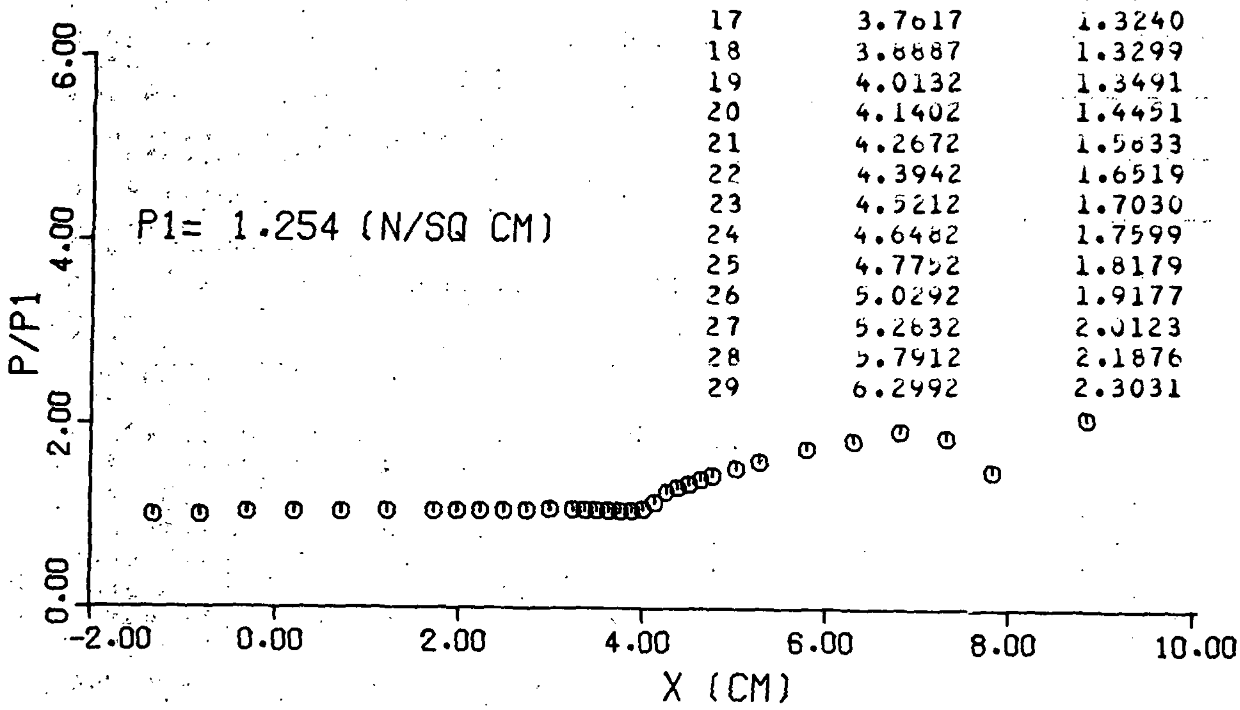
TABLE III Summary of Data Compiled for Centerbody Interactions - Annular Ring Shock Wave Generator

Identif. No.	Ref. No.	Orig. Run No.	M_∞	δ_c	Wall P.	Pitot P.	Bleed Config.	Bleed Rate Kg/sec.	Page No.
31405-001	7	200	3.8	5°	X		Solid	0.	807
31405-002 -013	7	201- 212	3.8	5°		X	Solid	0.	808- 819
31406-001	7	220	3.8	6°	X		Solid	0.	820
31406-002 -013	7	221- 232	3.8	6°		X	Solid	0.	821- 832
31407-001	7	240	3.8	7°	X		Solid	0.	833
31407-002 -013	7	241- 252	3.8	7°		X	Solid	0.	834- 845
31408-001	7	260	3.8	8°	X		Solid	0.	846
31408-002 -012	7	261- 271	3.8	8°		X	Solid	0.	847- 857
32406-001	7	460	3.8	6°	X		Holes	0.00086	858
32406-002 -011	7	461- 470	3.8	6°		X	Holes	0.00086	859- 868
32407-001	7	400	3.8	7°	X		Holes	0.00064	868
32407-002 -012	7	401- 410	3.8	7°		X	Holes	0.00064	870- 879
32408-001	7	420	3.8	8°	X		Holes	0.00064	880
32408-002 -012	7	421- 431	3.8	8°		X	Holes	0.00064	881- 891
32408-013	7	440	3.8	8°	X		Holes	0.00108	892
32408-014 -023	7	441- 450	3.8	8°		X	Holes	0.00108	893- 902

ID NO. 11210-001

PTO= 10.0630 N/SQ CM
TTO= 297.3333 K
PBAR= 758.4000 MMHG
TMAN= 297.8333 K

I	X(CM)	P(N/SQ CM)
1	-1.3183	1.2541
2	-.8103	1.2589
3	-.3023	1.2935
4	.2057	1.3052
5	.7137	1.3052
6	1.2217	1.3220
7	1.7297	1.3210
8	1.9837	1.3234
9	2.2377	1.3254
10	2.4917	1.3261
11	2.7457	1.3330
12	2.9997	1.3515
13	3.2537	1.3419
14	3.3807	1.3353
15	3.5077	1.3333
16	3.6347	1.3299
17	3.7617	1.3240
18	3.8887	1.3299
19	4.0132	1.3491
20	4.1402	1.4451
21	4.2672	1.5633
22	4.3942	1.6519
23	4.5212	1.7030
24	4.6482	1.7599
25	4.7752	1.8179
26	5.0292	1.9177
27	5.2832	2.0123
28	5.7912	2.1876
29	6.2992	2.3031



ID NO. 11210 -001

ID NO. 11210-002

STATION X= 3.01 CM PTO= 10.063 N/SQ CM TTO=297.33K
R= 2.576 CM PWALL= 1.3515 N/SQ CM CF= .0025 PI=0.756
UE= 504.0 M/SEC RHOE=.00856 KG/CUB M RE=12.00E6 /M
DELTA= .285 CM DELTA*= .0690 CM THETA= .0209 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	0.000000	.134301	0.000000	1.000000	.574532	0.000000
2	.012700	.233052	.585199	1.000000	.672521	.923461
3	.025400	.287198	.676052	1.000000	.713224	1.098638
4	.038100	.322305	.722154	1.000000	.738363	1.194061
5	.050800	.349378	.753175	1.000000	.757314	1.261234
6	.063500	.374704	.779648	1.000000	.774951	1.320680
7	.076200	.400555	.804175	1.000000	.792620	1.377669
8	.088900	.425706	.826244	1.000000	.809722	1.430665
9	.101600	.450159	.846554	1.000000	.826561	1.480996
10	.114300	.474961	.865528	1.000000	.843330	1.529472
11	.127000	.495746	.880523	1.000000	.857349	1.568848
12	.139700	.520374	.897327	1.000000	.873925	1.614171
13	.152400	.542032	.911320	1.000000	.888478	1.652935
14	.165100	.565961	.926267	1.000000	.904830	1.695436
15	.177800	.586222	.938113	1.000000	.918422	1.729967
16	.190500	.609976	.951370	1.000000	.934339	1.769552
17	.203200	.629364	.961721	1.000000	.947319	1.801187
18	.215900	.646481	.970532	1.000000	.958771	1.828643
19	.228600	.661851	.978197	1.000000	.969049	1.852938
20	.241300	.675824	.984972	1.000000	.978387	1.874741
21	.254000	.687702	.990593	1.000000	.986322	1.893069
22	.266700	.696609	.994728	1.000000	.992272	1.906695
23	.279400	.705168	.998637	1.000000	.997987	1.919693
24	.292100	.710932	1.001236	1.000000	1.001835	1.928396
25	.304800	.714774	1.002954	1.000000	1.004400	1.934176
26	.317500	.717744	1.004273	1.000000	1.006382	1.938629
27	.330200	.720014	1.005277	1.000000	1.007898	1.942028
28	.342900	.721062	1.005739	1.000000	1.008597	1.943595
29	.355600	.722110	1.006200	1.000000	1.009297	1.945160
30	.368300	.722984	1.006583	1.000000	1.009879	1.946463
31	.381000	.723333	1.006737	1.000000	1.010113	1.946984
32	.393700	.723682	1.006890	1.000000	1.010346	1.947505
33	.406400	.723857	1.006966	1.000000	1.010462	1.947766
34	.419100	.724032	1.007043	1.000000	1.010579	1.948026
35	.431800	.724032	1.007043	1.000000	1.010579	1.948026
36	.444500	.724032	1.007043	1.000000	1.010579	1.948026
37	.457200	.724032	1.007043	1.000000	1.010579	1.948026
38	.469900	.724032	1.007043	1.000000	1.010579	1.948026
39	.482600	.724032	1.007043	1.000000	1.010579	1.948026
40	.495300	.724032	1.007043	1.000000	1.010579	1.948026
41	.508000	.724032	1.007043	1.000000	1.010579	1.948026
42	.533400	.724032	1.007043	1.000000	1.010579	1.948026
43	.558800	.724032	1.007043	1.000000	1.010579	1.948026

ID NO. 11210-003

STATION X= 3.26 CM PTO= 10.063 N/SQ CM TTO=297.33K
R= 2.576 CM PWALL= 1.3419 N/SQ CM CF= .0025 PI=0.680
UE= 505.7 M/SEC RHOE=.00855 KG/CUB M RE=12.07E6 /M
DELTA= .299 CM DELTA*= .0697 CM THETA= .0212 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	0.000000	.133347	0.000000	1.000000	.571639	0.000000
2	.012700	.236371	.593489	1.000000	.673214	.942579
3	.025400	.297852	.691332	1.000000	.718800	1.134539
4	.038100	.328244	.729389	1.000000	.740361	1.214814
5	.050800	.355841	.760148	1.000000	.759671	1.282449
6	.063500	.378198	.783060	1.000000	.775276	1.334602
7	.076200	.403000	.806254	1.000000	.792242	1.389087
8	.088900	.429025	.829102	1.000000	.810215	1.444564
9	.101600	.451382	.847178	1.000000	.825399	1.489825
10	.114300	.473040	.863679	1.000000	.840068	1.532281
11	.127000	.495222	.879652	1.000000	.855057	1.574481
12	.139700	.516706	.894312	1.000000	.869546	1.614224
13	.152400	.540111	.909456	1.000000	.885304	1.656367
14	.165100	.560721	.922403	1.000000	.899455	1.693320
15	.177800	.582554	.935226	1.000000	.914132	1.730811
16	.190500	.604212	.947370	1.000000	.928676	1.767178
17	.203200	.625172	.958615	1.000000	.942738	1.801643
18	.215900	.640542	.966565	1.000000	.953043	1.826486
19	.228600	.658358	.975485	1.000000	.964980	1.854849
20	.241300	.671982	.982102	1.000000	.974104	1.876238
21	.254000	.683335	.987487	1.000000	.981705	1.893872
22	.266700	.692592	.991794	1.000000	.987900	1.908126
23	.279400	.700976	.995632	1.000000	.993510	1.920940
24	.292100	.707264	.998472	1.000000	.997717	1.930494
25	.304800	.713028	1.001047	1.000000	1.001572	1.939208
26	.317500	.715473	1.002131	1.000000	1.003208	1.942893
27	.330200	.718093	1.003288	1.000000	1.004960	1.946833
28	.342900	.720189	1.004209	1.000000	1.006362	1.949979
29	.355600	.721936	1.004974	1.000000	1.007530	1.952597
30	.368300	.722809	1.005356	1.000000	1.008114	1.953905
31	.381000	.723158	1.005508	1.000000	1.008347	1.954428
32	.393700	.723508	1.005661	1.000000	1.008581	1.954950
33	.406400	.723508	1.005661	1.000000	1.008581	1.954950
34	.419100	.723682	1.005737	1.000000	1.008698	1.955212
35	.431800	.723682	1.005737	1.000000	1.008698	1.955212
36	.444500	.723158	1.005508	1.000000	1.008347	1.954428
37	.457200	.722634	1.005280	1.000000	1.007997	1.953643
38	.469900	.722809	1.005356	1.000000	1.008114	1.953905
39	.482600	.722809	1.005356	1.000000	1.008114	1.953905
40	.495300	.722809	1.005356	1.000000	1.008114	1.953905
41	.508000	.722809	1.005356	1.000000	1.008114	1.953905
42	.533400	.722809	1.005356	1.000000	1.008114	1.953905
43	.558800	.722809	1.005356	1.000000	1.008114	1.953905

ID NO. 11210-004

STATION X= 3.52 CM PTO= 10.063 N/SQ CM TTO=297.33K
R= 2.576 CM PWALL= 1.3333 N/SQ CM CF= .0025 PI = 0.676
UE= 506.4 M/SEC RHOE=.00851 KG/CUB M RE = 12.07E6 /M
DELTA= .303 CM DELTA*= .0704 CM THETA= .0213 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	0.000000	.132495	0.000000	1.000000	.570348	0.000000
2	.012700	.232528	.567815	1.000000	.669781	.933642
3	.025400	.296106	.690496	1.000000	.717285	1.134960
4	.038100	.328244	.730721	1.000000	.740149	1.220069
5	.050800	.353395	.758825	1.000000	.757837	1.282043
6	.063500	.378198	.784235	1.000000	.775189	1.340056
7	.076200	.404397	.808611	1.000000	.793173	1.397645
8	.088900	.425531	.827224	1.000000	.807871	1.443004
9	.101600	.448762	.846112	1.000000	.823715	1.490354
10	.114300	.471119	.863199	1.000000	.838918	1.534419
11	.127000	.491904	.878221	1.000000	.853021	1.574189
12	.139700	.513213	.892839	1.000000	.867452	1.613872
13	.152400	.536094	.907730	1.000000	.882921	1.655354
14	.165100	.557577	.921281	1.000000	.897720	1.694087
15	.177800	.576615	.932539	1.000000	.910572	1.727020
16	.190500	.598099	.944701	1.000000	.925060	1.763408
17	.203200	.619059	.956053	1.000000	.939182	1.798167
18	.215900	.637049	.965419	1.000000	.951294	1.827453
19	.228600	.652070	.972987	1.000000	.961401	1.851537
20	.241300	.666742	.980169	1.000000	.971268	1.874751
21	.254000	.679492	.986249	1.000000	.979839	1.894686
22	.266700	.689797	.991058	1.000000	.986765	1.910641
23	.279400	.699753	.995617	1.000000	.993454	1.925925
24	.292100	.704819	.997905	1.000000	.996856	1.933653
25	.304800	.710408	1.000405	1.000000	1.000610	1.942144
26	.317500	.714949	1.002418	1.000000	1.003660	1.949015
27	.330200	.717394	1.003495	1.000000	1.005302	1.952705
28	.342900	.719665	1.004490	1.000000	1.006827	1.956124
29	.355600	.721062	1.005101	1.000000	1.007765	1.958226
30	.368300	.722460	1.005710	1.000000	1.008703	1.960324
31	.381000	.723682	1.006242	1.000000	1.009524	1.962159
32	.393700	.723857	1.006318	1.000000	1.009641	1.962421
33	.406400	.724556	1.006622	1.000000	1.010110	1.963469
34	.419100	.724730	1.006697	1.000000	1.010228	1.963730
35	.431800	.724730	1.006697	1.000000	1.010228	1.963730
36	.444500	.726302	1.007378	1.000000	1.011283	1.966085
37	.457200	.727175	1.007756	1.000000	1.011869	1.967391
38	.469900	.728049	1.008132	1.000000	1.012456	1.968697
39	.482600	.731018	1.009409	1.000000	1.014449	1.973130
40	.495300	.733813	1.010605	1.000000	1.016325	1.977293
41	.508000	.739227	1.012905	1.000000	1.019959	1.985333
42	.533400	.748484	1.016787	1.000000	1.026172	1.999003
43	.558800	.753026	1.018669	1.000000	1.029219	2.005673

ID NO. 11210-005

STATION X= 3.77 CM PTO= 10.063 N/SQ CM TTO=297.33K
R= 2.576 CM PWALL= 1.3240 N/SQ CM CF= .0025 PI = 0.687
UE= 508.4 M/SEC RHOE=.00850 KG/CUB M RE = 12.13E6 /M
DELTA= .311 CM DELTA*= .0728 CM THETA= .0219 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	0.000000	.131575	0.000000	1.000000	.567055	0.000000
2	.012700	.230256	.584208	1.000000	.665373	.931085
3	.025400	.291914	.685058	1.000000	.711650	1.129145
4	.038100	.326148	.728149	1.000000	.736003	1.220531
5	.050800	.351998	.757048	1.000000	.754193	1.284556
6	.063500	.373462	.779207	1.000000	.769272	1.335308
7	.076200	.399507	.803658	1.000000	.787166	1.393135
8	.088900	.421514	.823176	1.000000	.802480	1.440782
9	.101600	.443871	.841483	1.000000	.817749	1.486772
10	.114300	.465879	.858441	1.000000	.832736	1.530568
11	.127000	.489608	.875805	1.000000	.848992	1.576696
12	.139700	.506925	.887604	1.000000	.860598	1.608823
13	.152400	.530155	.902859	1.000000	.876325	1.651358
14	.165100	.550591	.915877	1.000000	.890431	1.688597
15	.177800	.573297	.929384	1.000000	.905778	1.728202
16	.190500	.593733	.940983	1.000000	.919575	1.763049
17	.203200	.613469	.951723	1.000000	.932889	1.796033
18	.215900	.630237	.960512	1.000000	.944192	1.823568
19	.228600	.645957	.968469	1.000000	.954782	1.848994
20	.241300	.661153	.975969	1.000000	.965014	1.873232
21	.254000	.674951	.982575	1.000000	.974301	1.894964
22	.266700	.686828	.988124	1.000000	.982292	1.913466
23	.279400	.696085	.992365	1.000000	.988519	1.927759
24	.292100	.703596	.995753	1.000000	.993570	1.939275
25	.304800	.709709	.998476	1.000000	.997680	1.948597
26	.317500	.716521	1.001475	1.000000	1.002260	1.958931
27	.330200	.721761	1.003758	1.000000	1.005782	1.966842
28	.342900	.728573	1.006693	1.000000	1.010360	1.977078
29	.355600	.735734	1.009740	1.000000	1.015172	1.987780
30	.368300	.741323	1.012092	1.000000	1.018928	1.996092
31	.381000	.746388	1.014204	1.000000	1.022331	2.003594
32	.393700	.749707	1.015577	1.000000	1.024560	2.008493
33	.406400	.752327	1.016656	1.000000	1.026320	2.012352
34	.419100	.753375	1.017086	1.000000	1.027024	2.013894
35	.431800	.755296	1.017872	1.000000	1.028314	2.016717
36	.444500	.755296	1.017872	1.000000	1.028314	2.016717
37	.457200	.756344	1.018300	1.000000	1.029018	2.018256
38	.469900	.757392	1.018727	1.000000	1.029722	2.019793
39	.482600	.758266	1.019083	1.000000	1.030309	2.021072
40	.495300	.758266	1.019083	1.000000	1.030309	2.021072
41	.508000	.758615	1.019225	1.000000	1.030543	2.021584
42	.533400	.760711	1.020075	1.000000	1.031951	2.024652
43	.558800	.761759	1.020499	1.000000	1.032655	2.026184

STATION X= 4.03 CM PTO= 10.063 N/SQ CM TTO=297.33K
R= 2.576 CM PWALL= 1.3491 N/SQ CM CF= .0024 PI = 0.794
UE= 512.4 M/SEC RHOE=.00877 KG/CUB M RE = 12.76E6 /M
DELTA= .318 CM DELTA*= .0779 CM THETA= .0230 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	0.000000	.134063	0.000000	1.000000	.560202	0.000000
2	.012700	.229559	.569114	1.000000	.653256	.911340
3	.025400	.293311	.674001	1.000000	.700069	1.117301
4	.038100	.324751	.713812	1.000000	.721993	1.201683
5	.050800	.350426	.742569	1.000000	.739549	1.265202
6	.063500	.374704	.767490	1.000000	.756068	1.322185
7	.076200	.398284	.789563	1.000000	.771813	1.374302
8	.088900	.419768	.808322	1.000000	.786091	1.419907
9	.101600	.442998	.827650	1.000000	.801736	1.468257
10	.114300	.465180	.844713	1.000000	.816399	1.512168
11	.127000	.486140	.859950	1.000000	.830220	1.552420
12	.139700	.507449	.874641	1.000000	.844242	1.592219
13	.152400	.529606	.889266	1.000000	.858928	1.632862
14	.165100	.551988	.903047	1.000000	.873477	1.672150
15	.177800	.574520	.916625	1.000000	.888531	1.711856
16	.190500	.600544	.931225	1.000000	.905573	1.755722
17	.203200	.626395	.944967	1.000000	.922481	1.798186
18	.215900	.646481	.955162	1.000000	.935608	1.830473
19	.228600	.669187	.966217	1.000000	.950436	1.866274
20	.241300	.684034	.973191	1.000000	.960126	1.889302
21	.254000	.701849	.981309	1.000000	.971748	1.916558
22	.266700	.713377	.986423	1.000000	.979266	1.933983
23	.279400	.725254	.991582	1.000000	.987009	1.951769
24	.292100	.733289	.995010	1.000000	.992246	1.963706
25	.304800	.739926	.997806	1.000000	.996571	1.973511
26	.317500	.745166	.999991	1.000000	.999985	1.981217
27	.330200	.748484	1.001364	1.000000	1.002147	1.986082
28	.342900	.751279	1.002514	1.000000	1.003968	1.990168
29	.355600	.753026	1.003230	1.000000	1.005106	1.992718
30	.368300	.755122	1.004087	1.000000	1.006471	1.995774
31	.381000	.757392	1.005011	1.000000	1.007951	1.999078
32	.393700	.758615	1.005507	1.000000	1.008747	2.000856
33	.406400	.759663	1.005932	1.000000	1.009430	2.002377
34	.419100	.760362	1.006214	1.000000	1.009885	2.003391
35	.431800	.760886	1.006426	1.000000	1.010226	2.004152
36	.444500	.760886	1.006426	1.000000	1.010226	2.004152
37	.457200	.761759	1.006779	1.000000	1.010795	2.005418
38	.469900	.762632	1.007131	1.000000	1.011364	2.006683
39	.482600	.762982	1.007271	1.000000	1.011591	2.007189
40	.495300	.763680	1.007552	1.000000	1.012046	2.008201
41	.508000	.764728	1.007973	1.000000	1.012729	2.009717
42	.533400	.765776	1.008393	1.000000	1.013411	2.011232
43	.558800	.766824	1.008813	1.000000	1.014094	2.012746

ID NO. 11210-007

STATION X= 4.26 CM PTO= 10.063 N/SQ CM TTO=297.33K
R= 2.576 CM PWALL= 1.5833 N/SQ CM CF= .0023 PI = 1.054
UE= 483.1 M/SEC RHOE=.00946 KG/CUB M RE = 12.07E6 /M
DELTA= .269 CM DELTA*= .0702 CM THETA= .0224 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	0.000000	.157339	0.000000	1.000000	.609037	0.000000
2	.012700	.238641	.535727	1.000000	.666013	.794951
3	.025400	.287897	.636818	1.000000	.723795	.970630
4	.038100	.323004	.687523	1.000000	.747105	1.064654
5	.050800	.352871	.725285	1.000000	.766723	1.137780
6	.063500	.376276	.751950	1.000000	.781881	1.191215
7	.076200	.403873	.780450	1.000000	.799405	1.250141
8	.088900	.429723	.805068	1.000000	.815744	1.302687
9	.101600	.454700	.826870	1.000000	.831231	1.350607
10	.114300	.481249	.848484	1.000000	.847608	1.399497
11	.127000	.508147	.869278	1.000000	.864408	1.447934
12	.139700	.532251	.886533	1.000000	.879189	1.489247
13	.152400	.557752	.903783	1.000000	.894785	1.531632
14	.165100	.585698	.921618	1.000000	.911836	1.576666
15	.177800	.609103	.935773	1.000000	.926088	1.613346
16	.190500	.632508	.949278	1.000000	.940319	1.649156
17	.203200	.654166	.961515	1.000000	.953781	1.682330
18	.215900	.673728	.971908	1.000000	.965661	1.711072
19	.228600	.691893	.981229	1.000000	.976683	1.737312
20	.241300	.705168	.987850	1.000000	.984733	1.756228
21	.254000	.719316	.994738	1.000000	.993307	1.776156
22	.266700	.728398	.999071	1.000000	.998810	1.788828
23	.279400	.738179	1.003663	1.000000	1.004734	1.802370
24	.292100	.744293	1.006494	1.000000	1.008435	1.810780
25	.304800	.749707	1.008977	1.000000	1.011713	1.818196
26	.317500	.753375	1.010647	1.000000	1.013933	1.823201
27	.330200	.756868	1.012227	1.000000	1.016047	1.827955
28	.342900	.758964	1.013171	1.000000	1.017316	1.830801
29	.355600	.761060	1.014111	1.000000	1.018584	1.833643
30	.368300	.763680	1.015282	1.000000	1.020169	1.837188
31	.381000	.764030	1.015438	1.000000	1.020381	1.837660
32	.393700	.764204	1.015516	1.000000	1.020486	1.837896
33	.406400	.765776	1.016216	1.000000	1.021438	1.840019
34	.419100	.766999	1.016759	1.000000	1.022177	1.841669
35	.431800	.768221	1.017300	1.000000	1.022917	1.843317
36	.444500	.769444	1.017841	1.000000	1.023657	1.844963
37	.457200	.770492	1.018304	1.000000	1.024291	1.846373
38	.469900	.771715	1.018842	1.000000	1.025030	1.848017
39	.482600	.772413	1.019150	1.000000	1.025453	1.848956
40	.495300	.772937	1.019380	1.000000	1.025770	1.849659
41	.508000	.773636	1.019687	1.000000	1.026193	1.850597
42	.533400	.775383	1.020452	1.000000	1.027249	1.852939
43	.558800	.776431	1.020910	1.000000	1.027883	1.854343

ID NO. 11210-008

STATION X= 4.53 CM PTO= 10.063 N/SQ CM TTO=297.33K
R= 2.576 CM PWALL= 1.7030 N/SQ CM CF= .0022 PI = 1.247
UE= 477.3 M/SEC RHOE=.01003 KG/CUB M RE = 12.46E6 /M
DELTA= .273 CM DELTA*= .0744 CM THETA= .0240 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	0.000000	.169232	0.000000	1.000000	.618360	0.000000
2	.012700	.248423	.521706	1.000000	.690037	.761295
3	.025400	.289469	.610374	1.000000	.720853	.910355
4	.038100	.318637	.658312	1.000000	.740900	.995412
5	.050800	.348330	.696800	1.000000	.759041	1.066401
6	.063500	.375578	.729782	1.000000	.776107	1.129393
7	.076200	.402825	.759174	1.000000	.792725	1.187391
8	.088900	.430597	.786410	1.000000	.809395	1.242856
9	.101600	.455399	.808638	1.000000	.823988	1.289454
10	.114300	.483345	.832332	1.000000	.840610	1.340557
11	.127000	.509021	.852350	1.000000	.855579	1.384966
12	.139700	.537840	.873729	1.000000	.872583	1.433744
13	.152400	.565786	.892877	1.000000	.888773	1.478694
14	.165100	.591637	.909591	1.000000	.903707	1.518977
15	.177800	.616439	.924812	1.000000	.918004	1.556564
16	.190500	.643861	.940796	1.000000	.933780	1.597014
17	.203200	.670410	.955497	1.000000	.949027	1.635158
18	.215900	.692068	.966970	1.000000	.961449	1.665588
19	.228600	.708661	.975746	1.000000	.971274	1.689269
20	.241300	.725254	.984000	1.000000	.980785	1.711880
21	.254000	.741323	.991774	1.000000	.989989	1.733481
22	.266700	.754772	.998121	1.000000	.997688	1.751346
23	.279400	.762982	1.001926	1.000000	1.002386	1.762157
24	.292100	.771540	1.005840	1.000000	1.007282	1.773355
25	.304800	.776780	1.008209	1.000000	1.010279	1.780174
26	.317500	.781147	1.010168	1.000000	1.012776	1.785836
27	.330200	.783766	1.011337	1.000000	1.014274	1.789225
28	.342900	.783766	1.011337	1.000000	1.014274	1.789225
29	.355600	.783766	1.011337	1.000000	1.014274	1.789225
30	.368300	.782369	1.010714	1.000000	1.013475	1.787419
31	.381000	.781321	1.010246	1.000000	1.012876	1.786063
32	.393700	.779924	1.009621	1.000000	1.012077	1.784253
33	.406400	.778352	1.008916	1.000000	1.011178	1.782215
34	.419100	.777129	1.008366	1.000000	1.010479	1.780628
35	.431800	.776081	1.007894	1.000000	1.009880	1.779267
36	.444500	.776081	1.007894	1.000000	1.009880	1.779267
37	.457200	.775732	1.007737	1.000000	1.009680	1.778813
38	.469900	.775732	1.007737	1.000000	1.009680	1.778813
39	.482600	.775732	1.007737	1.000000	1.009680	1.778813
40	.495300	.775732	1.007737	1.000000	1.009680	1.778813
41	.508000	.776431	1.008052	1.000000	1.010079	1.779721
42	.533400	.779051	1.009229	1.000000	1.011578	1.783121
43	.558800	.779924	1.009621	1.000000	1.012077	1.784253

ID NO. 11210-009

STATION X= 4.79 CM PTO= 10.063 N/SQ CM TTO=297.33K
R= 2.576 CM PWALL= 1.8179 N/SQ CM CF= .0020 PI = 1.420
UE= 470.4 M/SEC RHOE=.01052 KG/CUB M RE = 12.693E6 /M
DELTA= .273 CM DELTA*= .0767 CM THETA= .0250 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	0.000000	.180649	0.000000	1.000000	.629252	0.000000
2	.012700	.256108	.505975	1.000000	.695241	.724116
3	.025400	.293835	.591611	1.000000	.723081	.863459
4	.038100	.320733	.638762	1.000000	.741406	.944015
5	.050800	.346584	.679510	1.000000	.759221	1.016229
6	.063500	.373482	.709042	1.000000	.773408	1.070258
7	.076200	.400729	.740232	1.000000	.789673	1.129025
8	.088900	.427977	.768300	1.000000	.805543	1.183551
9	.101600	.456796	.795355	1.000000	.822048	1.237717
10	.114300	.485965	.820303	1.000000	.838416	1.289187
11	.127000	.511466	.841020	1.000000	.852917	1.333127
12	.139700	.541657	.863700	1.000000	.869817	1.382574
13	.152400	.571026	.884048	1.000000	.885964	1.428222
14	.165100	.600370	.903626	1.000000	.902452	1.473373
15	.177800	.629015	.921336	1.000000	.918232	1.515327
16	.190500	.655913	.937095	1.000000	.933015	1.553603
17	.203200	.680715	.950944	1.000000	.946621	1.588016
18	.215900	.702723	.962726	1.000000	.958677	1.617896
19	.228600	.725953	.974682	1.000000	.971386	1.648811
20	.241300	.743769	.983537	1.000000	.981124	1.672109
21	.254000	.759663	.991504	1.000000	.990129	1.693371
22	.266700	.772588	.997607	1.000000	.997192	1.709860
23	.279400	.783242	1.002544	1.000000	1.003010	1.723328
24	.292100	.791801	1.006449	1.000000	1.007683	1.734067
25	.304800	.797740	1.009129	1.000000	1.010924	1.741477
26	.317500	.800185	1.010225	1.000000	1.012259	1.744519
27	.330200	.802281	1.011161	1.000000	1.013402	1.747122
28	.342900	.804027	1.011939	1.000000	1.014356	1.749287
29	.355600	.805599	1.012637	1.000000	1.015213	1.751234
30	.368300	.806123	1.012869	1.000000	1.015499	1.751883
31	.381000	.806123	1.012869	1.000000	1.015499	1.751883
32	.393700	.806123	1.012869	1.000000	1.015499	1.751883
33	.406400	.806123	1.012869	1.000000	1.015499	1.751883
34	.419100	.805250	1.012482	1.000000	1.015023	1.750802
35	.431800	.804377	1.012094	1.000000	1.014546	1.749720
36	.444500	.803853	1.011861	1.000000	1.014260	1.749071
37	.457200	.803853	1.011861	1.000000	1.014260	1.749071
38	.469900	.802979	1.011472	1.000000	1.013784	1.747988
39	.482600	.801233	1.010693	1.000000	1.012831	1.745821
40	.495300	.798788	1.009599	1.000000	1.011496	1.742781
41	.508000	.796342	1.008501	1.000000	1.010162	1.739736
42	.533400	.789181	1.005259	1.000000	1.006253	1.730787
43	.558800	.786910	1.004224	1.000000	1.005013	1.727939

ID NO. 11210-010

STATION X= 5.04 CM PTO= 10.063 N/SQ CM TTO=297.33K
R= 2.576 CM PWALL= 1.9177 N/SQ CM CF= .0019 PI = 1.576
UE= 466.2 M/SEC RHOE=.01098 KG/CUB M RE = 13.02E6 /M
DELTA= .280 CM DELTA*= .0807 CM THETA= .0264 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	0.000000	.190566	0.000000	1.000000	.635833	0.000000
2	.012700	.265365	.497863	1.000000	.698921	.704350
3	.025400	.296630	.571063	1.000000	.721520	.820866
4	.038100	.324576	.622550	1.000000	.740322	.906459
5	.050800	.346060	.656020	1.000000	.754003	.963979
6	.063500	.370687	.692128	1.000000	.770194	1.027899
7	.076200	.400380	.722640	1.000000	.785145	1.083580
8	.088900	.423785	.747940	1.000000	.798504	1.131017
9	.101600	.451032	.774805	1.000000	.813728	1.182759
10	.114300	.481424	.802127	1.000000	.830403	1.236947
11	.127000	.510767	.826202	1.000000	.846179	1.286119
12	.139700	.538539	.847840	1.000000	.861300	1.331543
13	.152400	.568581	.869379	1.000000	.877307	1.377999
14	.165100	.601418	.891381	1.000000	.894723	1.426828
15	.177800	.632682	.911361	1.000000	.911548	1.472462
16	.190500	.660279	.927740	1.000000	.926113	1.510854
17	.203200	.687527	.943115	1.000000	.940462	1.547744
18	.215900	.713202	.956938	1.000000	.953957	1.581657
19	.228600	.736433	.968931	1.000000	.966150	1.611681
20	.241300	.756170	.978763	1.000000	.976497	1.636729
21	.254000	.774160	.987454	1.000000	.985920	1.659211
22	.266700	.789705	.995052	1.000000	.994378	1.679134
23	.279400	.800185	.999883	1.000000	.999865	1.691935
24	.292100	.807870	1.003376	1.000000	1.003888	1.701258
25	.304800	.812586	1.005499	1.000000	1.006356	1.706953
26	.317500	.816778	1.007373	1.000000	1.008550	1.711998
27	.330200	.818874	1.008306	1.000000	1.009646	1.714514
28	.342900	.820795	1.009159	1.000000	1.010652	1.716818
29	.355600	.821843	1.009623	1.000000	1.011200	1.718073
30	.368300	.822192	1.009777	1.000000	1.011382	1.718491
31	.381000	.822367	1.009854	1.000000	1.011474	1.718700
32	.393700	.822716	1.010009	1.000000	1.011657	1.719118
33	.406400	.822716	1.010009	1.000000	1.011657	1.719118
34	.419100	.822716	1.010009	1.000000	1.011657	1.719118
35	.431800	.822716	1.010009	1.000000	1.011657	1.719118
36	.444500	.822716	1.010009	1.000000	1.011657	1.719118
37	.457200	.822716	1.010009	1.000000	1.011657	1.719118
38	.469900	.822716	1.010009	1.000000	1.011657	1.719118
39	.482600	.822716	1.010009	1.000000	1.011657	1.719118
40	.495300	.822716	1.010009	1.000000	1.011657	1.719118
41	.508000	.821319	1.009391	1.000000	1.010926	1.717446
42	.533400	.819049	1.008384	1.000000	1.009738	1.714724
43	.558800	.817302	1.007607	1.000000	1.008824	1.712627

ID NO. 11210-011

STATION X= 5.30 CM PTO= 10.063 N/SQ CM TTO=297.33K
R= 2.576 CM PWALL= 2.0123 N/SQ CM CF= .0019 PI = 1.672
UE= 461.1 M/SEC RHOE=.01138 KG/CUB M RE = 13.18E6 /M
DELTA= .264 CM DELTA*= .0827 CM THETA= .0274 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	0.000000	.199972	0.000000	1.000000	.643840	0.000000
2	.012700	.271304	.484109	1.000000	.702476	.674804
3	.025400	.307110	.569133	1.000000	.727803	.807494
4	.038100	.329641	.611271	1.000000	.742675	.876095
5	.050800	.350077	.644302	1.000000	.755549	.931405
6	.063500	.373656	.677696	1.000000	.769752	.988846
7	.076200	.398808	.711162	1.000000	.785294	1.048101
8	.088900	.424658	.735568	1.000000	.797527	1.092481
9	.101600	.454526	.765551	1.000000	.813684	1.148472
10	.114300	.480900	.790167	1.000000	.827956	1.195751
11	.127000	.511815	.816491	1.000000	.844310	1.247730
12	.139700	.543779	.841328	1.000000	.860866	1.298229
13	.152400	.572074	.862250	1.000000	.875730	1.341950
14	.165100	.603514	.883656	1.000000	.891877	1.387887
15	.177800	.632857	.902439	1.000000	.906888	1.429266
16	.190500	.664122	.921674	1.000000	.923136	1.472747
17	.203200	.692941	.938152	1.000000	.937813	1.510948
18	.215900	.717744	.951679	1.000000	.950418	1.543001
19	.228600	.745515	.966166	1.000000	.964507	1.578058
20	.241300	.763331	.975118	1.000000	.973533	1.600113
21	.254000	.783417	.984909	1.000000	.983700	1.624596
22	.266700	.797914	.991786	1.000000	.991031	1.642025
23	.279400	.812062	.998351	1.000000	.998181	1.658846
24	.292100	.821144	1.002492	1.000000	1.002768	1.669551
25	.304800	.828131	1.005929	1.000000	1.006622	1.678489
26	.317500	.833022	1.008112	1.000000	1.009094	1.684197
27	.330200	.835991	1.009431	1.000000	1.010594	1.687653
28	.342900	.838087	1.010358	1.000000	1.011653	1.690087
29	.355600	.839833	1.011128	1.000000	1.012535	1.692114
30	.368300	.840008	1.011205	1.000000	1.012624	1.692316
31	.381000	.840532	1.011436	1.000000	1.012888	1.692923
32	.393700	.840707	1.011513	1.000000	1.012977	1.693126
33	.406400	.840881	1.011589	1.000000	1.013065	1.693328
34	.419100	.840881	1.011589	1.000000	1.013065	1.693328
35	.431800	.840881	1.011589	1.000000	1.013065	1.693328
36	.444500	.840881	1.011589	1.000000	1.013065	1.693328
37	.457200	.840881	1.011589	1.000000	1.013065	1.693328
38	.469900	.840881	1.011589	1.000000	1.013065	1.693328
39	.482600	.840881	1.011589	1.000000	1.013065	1.693328
40	.495300	.840881	1.011589	1.000000	1.013065	1.693328
41	.508000	.840183	1.011282	1.000000	1.012712	1.692518
42	.533400	.838786	1.010666	1.000000	1.012006	1.690898
43	.558800	.836515	1.009663	1.000000	1.010859	1.688262

ID NO. 11210-012

STATION X= 5.80 CM PTO= 10.063 N/SQ CM TTO=297.33K
R= 2.576 CM PWALL= 2.1876 N/SQ CM CF= .0018 PI = 1.864
UE= 450.7 M/SEC RHOE=.01207 KG/CUB M RE = 13.38E6 /M
DELTA= .293 CM DELTA*= .0867 CM THETA= .0293 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	0.000000	.217386	0.000000	1.000000	.659634	0.000000
2	.012700	.287722	.475534	1.000000	.714638	.645701
3	.025400	.318987	.552172	1.000000	.736014	.760893
4	.038100	.338374	.590687	1.000000	.748527	.820857
5	.050800	.356190	.621765	1.000000	.759582	.870402
6	.063500	.377848	.655180	1.000000	.772501	.924947
7	.076200	.399681	.684985	1.000000	.785000	.974816
8	.088900	.422213	.714819	1.000000	.798507	1.025986
9	.101600	.448762	.739422	1.000000	.810454	1.069211
10	.114300	.476009	.766513	1.000000	.824521	1.117962
11	.127000	.504829	.792837	1.000000	.839176	1.166587
12	.139700	.537491	.820149	1.000000	.855496	1.218451
13	.152400	.568057	.843970	1.000000	.870732	1.264957
14	.165100	.602815	.869150	1.000000	.887941	1.315507
15	.177800	.634080	.890002	1.000000	.903120	1.358533
16	.190500	.664297	.908988	1.000000	.917727	1.398689
17	.203200	.695387	.927806	1.000000	.932998	1.439475
18	.215900	.722984	.943381	1.000000	.946275	1.474017
19	.228600	.747262	.956497	1.000000	.957930	1.503686
20	.241300	.771365	.969015	1.000000	.969481	1.532522
21	.254000	.793548	.980122	1.000000	.980095	1.558550
22	.266700	.813459	.989774	1.000000	.989610	1.581521
23	.279400	.824987	.995232	1.000000	.995115	1.594657
24	.292100	.834768	.999790	1.000000	.999783	1.605713
25	.304800	.842104	1.003165	1.000000	1.003283	1.613952
26	.317500	.848043	1.005872	1.000000	1.006115	1.620589
27	.330200	.852759	1.008005	1.000000	1.008363	1.625639
28	.342900	.856077	1.009497	1.000000	1.009945	1.629523
29	.355600	.857300	1.010045	1.000000	1.010528	1.630878
30	.368300	.860269	1.011372	1.000000	1.011943	1.634163
31	.381000	.862016	1.012150	1.000000	1.012776	1.636093
32	.393700	.862016	1.012150	1.000000	1.012776	1.636093
33	.406400	.862889	1.012538	1.000000	1.013192	1.637056
34	.419100	.862889	1.012538	1.000000	1.013192	1.637056
35	.431800	.862889	1.012538	1.000000	1.013192	1.637056
36	.444500	.862889	1.012538	1.000000	1.013192	1.637056
37	.457200	.862889	1.012538	1.000000	1.013192	1.637056
38	.469900	.862889	1.012538	1.000000	1.013192	1.637056
39	.482600	.862889	1.012538	1.000000	1.013192	1.637056
40	.495300	.862889	1.012538	1.000000	1.013192	1.637056
41	.508000	.861492	1.011917	1.000000	1.012526	1.635514
42	.533400	.860618	1.011528	1.000000	1.012110	1.634549
43	.558800	.858522	1.010592	1.000000	1.011111	1.632231

ID NO. 11210-013

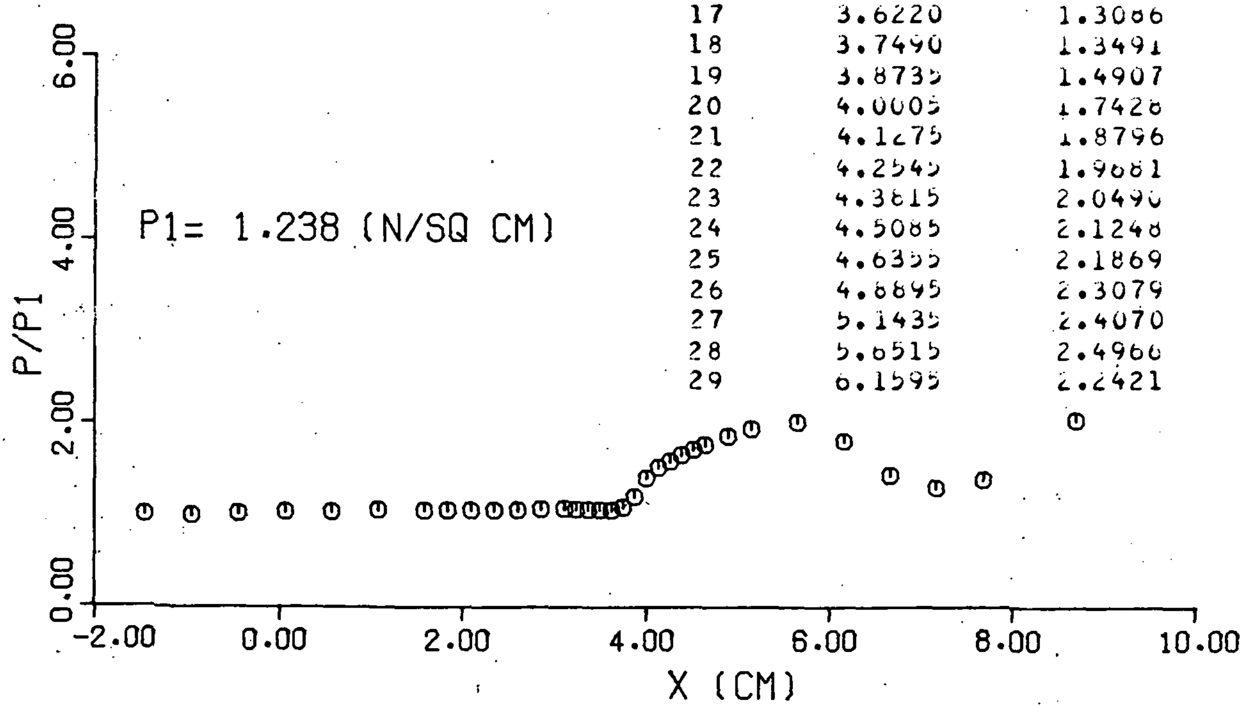
STATION X= 6.31 CM PTO= 10.063 N/SQ CM TTO=297.33K
R= 2.576 CM PWALL= 2.3031 N/SQ CM CF= .0017 PI = 1.904
UE= 445.8 M/SEC RHOE=.01257 KG/CUB M RE = 13.645E6 /M
DELTA= .309 CM DELTA*= .0906 CM THETA= .0312 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	0.000000	.228871	0.000000	1.000000	.667100	0.000000
2	.012700	.301346	.476516	1.000000	.721650	.639421
3	.025400	.332261	.550891	1.000000	.742071	.749608
4	.038100	.349378	.584775	1.000000	.752798	.801446
5	.050800	.365971	.614018	1.000000	.762844	.847121
6	.063500	.383787	.642224	1.000000	.773275	.892072
7	.076200	.405096	.672424	1.000000	.785305	.941259
8	.088900	.425007	.697781	1.000000	.796146	.983472
9	.101600	.450683	.729596	1.000000	.810774	1.037716
10	.114300	.473913	.748882	1.000000	.820237	1.071345
11	.127000	.503431	.777041	1.000000	.834921	1.121535
12	.139700	.531028	.801291	1.000000	.848452	1.165871
13	.152400	.563341	.827353	1.000000	.863979	1.214755
14	.165100	.594606	.850912	1.000000	.878962	1.260132
15	.177800	.627268	.873919	1.000000	.894532	1.305616
16	.190500	.656786	.893158	1.000000	.908317	1.344600
17	.203200	.689797	.913449	1.000000	.923665	1.386717
18	.215900	.716521	.929024	1.000000	.936046	1.419783
19	.228600	.747611	.946640	1.000000	.950719	1.457999
20	.241300	.771540	.959342	1.000000	.961766	1.486121
21	.254000	.794246	.970959	1.000000	.972230	1.512277
22	.266700	.813634	.980563	1.000000	.981151	1.534227
23	.279400	.829703	.988314	1.000000	.988538	1.552165
24	.292100	.842279	.994254	1.000000	.994314	1.566049
25	.304800	.851187	.998396	1.000000	.998403	1.575804
26	.317500	.861317	1.003043	1.000000	1.003051	1.585819
27	.330200	.865160	1.004788	1.000000	1.004814	1.590976
28	.342900	.869701	1.006839	1.000000	1.006896	1.595874
29	.355600	.873020	1.008329	1.000000	1.008418	1.599443
30	.368300	.875640	1.009500	1.000000	1.009619	1.602254
31	.381000	.877212	1.010201	1.000000	1.010339	1.603939
32	.393700	.877735	1.010435	1.000000	1.010579	1.604500
33	.406400	.878085	1.010590	1.000000	1.010739	1.604874
34	.419100	.878434	1.010745	1.000000	1.010900	1.605248
35	.431800	.878609	1.010823	1.000000	1.010980	1.605434
36	.444500	.878609	1.010823	1.000000	1.010980	1.605434
37	.457200	.878609	1.010823	1.000000	1.010980	1.605434
38	.469900	.878609	1.010823	1.000000	1.010980	1.605434
39	.482600	.878609	1.010823	1.000000	1.010980	1.605434
40	.495300	.878609	1.010823	1.000000	1.010980	1.605434
41	.508000	.878609	1.010823	1.000000	1.010980	1.605434
42	.533400	.879133	1.011056	1.000000	1.011220	1.605995
43	.558800	.879133	1.011056	1.000000	1.011220	1.605995

ID NO. 11212-001

PTO= 10.0661 N/SQ CM
TTO= 300.7776 K
PBAR= 760.4000 MMHG
TMAN= 300.3333 K

I	X(CM)	P(N/SQ CM)
1	-1.4580	1.2380
2	-.9500	1.2367
3	-.4420	1.2620
4	.0660	1.2894
5	.5740	1.2896
6	1.0620	1.3103
7	1.5900	1.3031
8	1.8440	1.3072
9	2.0980	1.3090
10	2.3520	1.3069
11	2.6060	1.3090
12	2.8600	1.3244
13	3.1140	1.3261
14	3.2410	1.3189
15	3.3680	1.3189
16	3.4950	1.3110
17	3.6220	1.3086
18	3.7490	1.3491
19	3.8735	1.4907
20	4.0005	1.7428
21	4.1275	1.8796
22	4.2545	1.9681
23	4.3815	2.0490
24	4.5085	2.1248
25	4.6355	2.1869
26	4.8895	2.3079
27	5.1435	2.4070
28	5.6515	2.4966
29	6.1595	2.2421



ID NO. 11212 -001

ID NO. 11212-002

STATION X= 2.87 CM PTO= 10.086 N/SQ CM TTO=303.72K
R= 2.576 CM PWALL= 1.3244 N/SQ CM CF= .0026 PI = 0.684
UE= 513.9 M/SEC RHOE=.00833 KG/CUB M RE = 11.81E6 /M
DELTA= .291 CM DELTA*= .0687 CM THETA= .0206 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	0.000000	.131314	0.000000	1.000000	.566891	0.000000
2	.012700	.231636	.587910	1.000000	.666695	.938228
3	.025400	.295245	.690059	1.000000	.714183	1.139789
4	.038100	.328880	.732265	1.000000	.738368	1.229811
5	.050800	.356240	.762070	1.000000	.757398	1.296256
6	.063500	.380987	.787043	1.000000	.774741	1.353974
7	.076200	.404339	.808545	1.000000	.790801	1.405307
8	.088900	.432920	.833206	1.000000	.810630	1.466213
9	.101600	.455053	.850759	1.000000	.825746	1.510996
10	.114300	.478928	.868565	1.000000	.842009	1.557738
11	.127000	.501932	.884727	1.000000	.857643	1.601387
12	.139700	.521799	.897973	1.000000	.871121	1.638084
13	.152400	.543757	.912174	1.000000	.886284	1.678408
14	.165100	.567109	.926257	1.000000	.902099	1.719460
15	.177800	.590287	.939541	1.000000	.917777	1.759212
16	.190500	.609980	.950327	1.000000	.931085	1.792262
17	.203200	.630893	.961313	1.000000	.945206	1.826677
18	.215900	.649191	.970556	1.000000	.957553	1.856247
19	.228600	.664004	.977800	1.000000	.967543	1.879831
20	.241300	.678295	.984596	1.000000	.977177	1.902296
21	.254000	.690319	.990174	1.000000	.985280	1.920990
22	.266700	.697813	.993588	1.000000	.990328	1.932545
23	.279400	.706527	.997499	1.000000	.996198	1.945892
24	.292100	.712626	1.000200	1.000000	1.000305	1.955180
25	.304800	.717157	1.002187	1.000000	1.003356	1.962049
26	.317500	.720468	1.003629	1.000000	1.005586	1.967054
27	.330200	.724302	1.005288	1.000000	1.008167	1.972832
28	.342900	.725348	1.005738	1.000000	1.008871	1.974405
29	.355600	.726219	1.006113	1.000000	1.009458	1.975715
30	.368300	.727265	1.006562	1.000000	1.010162	1.977286
31	.381000	.727788	1.006786	1.000000	1.010513	1.978071
32	.393700	.728136	1.006935	1.000000	1.010748	1.978594
33	.406400	.728136	1.006935	1.000000	1.010748	1.978594
34	.419100	.728485	1.007084	1.000000	1.010983	1.979116
35	.431800	.728485	1.007084	1.000000	1.010983	1.979116
36	.444500	.728485	1.007084	1.000000	1.010983	1.979116
37	.457200	.728485	1.007084	1.000000	1.010983	1.979116
38	.469900	.728485	1.007084	1.000000	1.010983	1.979116
39	.482600	.728485	1.007084	1.000000	1.010983	1.979116
40	.495300	.728485	1.007084	1.000000	1.010983	1.979116
41	.508000	.728485	1.007084	1.000000	1.010983	1.979116
42	.533400	.728485	1.007084	1.000000	1.010983	1.979116
43	.558800	.729008	1.007308	1.000000	1.011335	1.979901

ID NO. 11212-003

STATION X= 3.12 CM PTO= 10.086 N/SQ CM TTO=303.72K
R= 2.576 CM PWALL= 1.3261 N/SQ CM CF= .0025 PI = 0.683
UE= 515.1 M/SEC RHOE=.00837 KG/CUB M RE = 11.94E6 /M
DELTA= .300 CM DELTA*= .0707 CM THETA= .0211 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	0.000000	.131484	0.000000	1.000000	.564800	0.000000
2	.012700	.233553	.589790	1.000000	.665556	.944434
3	.025400	.296465	.689482	1.000000	.712131	1.142049
4	.038100	.329925	.731210	1.000000	.736076	1.231361
5	.050800	.354672	.758134	1.000000	.753206	1.291472
6	.063500	.379941	.783682	1.000000	.770828	1.350518
7	.076200	.405385	.807062	1.000000	.788240	1.406429
8	.088900	.428215	.826880	1.000000	.804054	1.455349
9	.101600	.450696	.844896	1.000000	.819343	1.501128
10	.114300	.475965	.863884	1.000000	.836478	1.550830
11	.127000	.497923	.879412	1.000000	.851332	1.592663
12	.139700	.520579	.894581	1.000000	.866630	1.634625
13	.152400	.540620	.907339	1.000000	.880141	1.670813
14	.165100	.563624	.921547	1.000000	.895929	1.712129
15	.177800	.589067	.936174	1.000000	.913057	1.755850
16	.190500	.607714	.946403	1.000000	.925597	1.787183
17	.203200	.627407	.956787	1.000000	.938830	1.819662
18	.215900	.647274	.966855	1.000000	.952170	1.851828
19	.228600	.661564	.973858	1.000000	.961761	1.874611
20	.241300	.678469	.981898	1.000000	.973100	1.901198
21	.254000	.688054	.986345	1.000000	.979527	1.916103
22	.266700	.699381	.991498	1.000000	.987121	1.933566
23	.279400	.708444	.995544	1.000000	.993195	1.947419
24	.292100	.716286	.998992	1.000000	.998450	1.959327
25	.304800	.719771	1.000509	1.000000	1.000785	1.964595
26	.317500	.723082	1.001941	1.000000	1.003003	1.969587
27	.330200	.726568	1.003439	1.000000	1.005338	1.974827
28	.342900	.728485	1.004260	1.000000	1.006622	1.977703
29	.355600	.729008	1.004483	1.000000	1.006972	1.978487
30	.368300	.730053	1.004929	1.000000	1.007672	1.980053
31	.381000	.730053	1.004929	1.000000	1.007672	1.980053
32	.393700	.730227	1.005003	1.000000	1.007789	1.980314
33	.406400	.730750	1.005225	1.000000	1.008139	1.981096
34	.419100	.730750	1.005225	1.000000	1.008139	1.981096
35	.431800	.730750	1.005225	1.000000	1.008139	1.981096
36	.444500	.730750	1.005225	1.000000	1.008139	1.981096
37	.457200	.730750	1.005225	1.000000	1.008139	1.981096
38	.469900	.730750	1.005225	1.000000	1.008139	1.981096
39	.482600	.730750	1.005225	1.000000	1.008139	1.981096
40	.495300	.730750	1.005225	1.000000	1.008139	1.981096
41	.508000	.730750	1.005225	1.000000	1.008139	1.981096
42	.533400	.730750	1.005225	1.000000	1.008139	1.981096
43	.558800	.730750	1.005225	1.000000	1.008139	1.981096

ID NO. 11212-004

STATION X= 3.38 CM PTO= 10.086 N/SQ CM TTO=303.72K
R= 2.576 CM PWALL= 1.3189 N/SQ CM CF= .0025 PI = 0.679
UE= 516.0 M/SEC RHOE=.00834 KG/CUB M RE = 11.94E6 /M
DELTA= .308 CM DELTA*= .0723 CM THETA= .0216 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	0.000000	.130770	0.000000	1.000000	.563267	0.000000
2	.012700	.232159	.588499	1.000000	.663646	.943952
3	.025400	.292457	.685147	1.000000	.708524	1.135526
4	.038100	.326963	.728584	1.000000	.733261	1.228414
5	.050800	.353104	.757175	1.000000	.751408	1.292321
6	.063500	.377676	.782111	1.000000	.768596	1.350060
7	.076200	.402771	.805278	1.000000	.785618	1.405538
8	.088900	.426123	.825622	1.000000	.802031	1.455837
9	.101600	.448779	.843824	1.000000	.817480	1.502196
10	.114300	.471260	.860814	1.000000	.832767	1.546704
11	.127000	.493567	.876724	1.000000	.847901	1.589539
12	.139700	.513956	.890516	1.000000	.861709	1.627638
13	.152400	.536612	.905075	1.000000	.877027	1.668888
14	.165100	.557001	.917807	1.000000	.891091	1.705881
15	.177800	.578437	.930324	1.000000	.905564	1.743130
16	.190500	.599349	.941991	1.000000	.919670	1.778683
17	.203200	.618694	.952338	1.000000	.932707	1.810922
18	.215900	.638735	.962638	1.000000	.946203	1.843704
19	.228600	.654419	.970418	1.000000	.956760	1.868944
20	.241300	.669058	.977469	1.000000	.966607	1.892186
21	.254000	.683697	.984325	1.000000	.976451	1.915137
22	.266700	.694502	.989267	1.000000	.983714	1.931896
23	.279400	.704784	.993878	1.000000	.990624	1.947707
24	.292100	.711755	.996955	1.000000	.995308	1.958351
25	.304800	.717331	.999390	1.000000	.999055	1.966824
26	.317500	.721862	1.001349	1.000000	1.002098	1.973680
27	.330200	.723779	1.002174	1.000000	1.003386	1.976573
28	.342900	.725871	1.003070	1.000000	1.004790	1.979725
29	.355600	.726916	1.003517	1.000000	1.005493	1.981299
30	.368300	.728659	1.004259	1.000000	1.006663	1.983919
31	.381000	.729530	1.004630	1.000000	1.007248	1.985228
32	.393700	.730750	1.005148	1.000000	1.008068	1.987059
33	.406400	.731447	1.005443	1.000000	1.008536	1.988104
34	.419100	.731447	1.005443	1.000000	1.008536	1.988104
35	.431800	.740684	1.009322	1.000000	1.014738	2.001902
36	.444500	.745738	1.011419	1.000000	1.018131	2.009411
37	.457200	.754451	1.014990	1.000000	1.023981	2.022290
38	.469900	.765430	1.019413	1.000000	1.031350	2.038399
39	.482600	.771356	1.021766	1.000000	1.035326	2.047039
40	.495300	.775712	1.023481	1.000000	1.038249	2.053368
41	.508000	.776932	1.023959	1.000000	1.039068	2.055136
42	.533400	.780243	1.025252	1.000000	1.041290	2.059929
43	.558800	.781289	1.025658	1.000000	1.041991	2.061440

ID NO. 11212-005

STATION X= 3.63 CM PTO= 10.086 N/SQ CM TTO=303.72K
R= 2.576 CM PWALL= 1.3086 N/SQ CM CF= .0023 PI = 0.708
UE= 529.3 M/SEC RHOE=.00863 KG/CUB M RE = 13.15E6 /M
DELTA= .358 CM DELTA*= .0857 CM THETA= .0246 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	0.000000	.129750	0.000000	1.000000	.540620	0.000000
2	.012700	.231113	.575332	1.000000	.637568	.946906
3	.025400	.295594	.675310	1.000000	.683894	1.151126
4	.038100	.328808	.714428	1.000000	.706205	1.237510
5	.050800	.353975	.742299	1.000000	.723840	1.301743
6	.063500	.378896	.766494	1.000000	.740466	1.359521
7	.076200	.402248	.787453	1.000000	.755957	1.411230
8	.088900	.424729	.806582	1.000000	.771060	1.459880
9	.101600	.447036	.824104	1.000000	.785770	1.505756
10	.114300	.471260	.841965	1.000000	.801699	1.553906
11	.127000	.490255	.855207	1.000000	.814163	1.590566
12	.139700	.513608	.870651	1.000000	.829459	1.634431
13	.152400	.533126	.882914	1.000000	.842224	1.670156
14	.165100	.552819	.894994	1.000000	.855370	1.706168
15	.177800	.574777	.907580	1.000000	.869712	1.744605
16	.190500	.597084	.919767	1.000000	.884265	1.782764
17	.203200	.616254	.929794	1.000000	.896762	1.814889
18	.215900	.635249	.939350	1.000000	.909135	1.846148
19	.228600	.651457	.947222	1.000000	.919687	1.872391
20	.241300	.667315	.954687	1.000000	.930006	1.897705
21	.254000	.682303	.961537	1.000000	.939754	1.921312
22	.266700	.696767	.967968	1.000000	.949158	1.943816
23	.279400	.715066	.975861	1.000000	.961051	1.971905
24	.292100	.729530	.981918	1.000000	.970448	1.993820
25	.304800	.745041	.988241	1.000000	.980521	2.017049
26	.317500	.756542	.992821	1.000000	.987990	2.034098
27	.330200	.764908	.996095	1.000000	.993420	2.046407
28	.342900	.771530	.998654	1.000000	.997718	2.056097
29	.355600	.774667	.999855	1.000000	.999754	2.060671
30	.368300	.776409	1.000520	1.000000	1.000886	2.063208
31	.381000	.778152	1.001183	1.000000	1.002017	2.065741
32	.393700	.779198	1.001580	1.000000	1.002695	2.067260
33	.406400	.779198	1.001580	1.000000	1.002695	2.067260
34	.419100	.781812	1.002570	1.000000	1.004392	2.071051
35	.431800	.782683	1.002898	1.000000	1.004957	2.072313
36	.444500	.783380	1.003161	1.000000	1.005409	2.073323
37	.457200	.786866	1.004470	1.000000	1.007671	2.078361
38	.469900	.787389	1.004665	1.000000	1.008010	2.079116
39	.482600	.788086	1.004926	1.000000	1.008463	2.080121
40	.495300	.788783	1.005186	1.000000	1.008915	2.081127
41	.508000	.789131	1.005316	1.000000	1.009141	2.081629
42	.533400	.789131	1.005316	1.000000	1.009141	2.081629
43	.558800	.791223	1.006095	1.000000	1.010498	2.084642

ID NO. 11212-006

STATION X= 3.89 CM PTO= 10.086 N/SQ CM TTO=303.72K
R= 2.576 CM PWALL= 1.4907 N/SQ CM CF= .0023 PI = 1.018
UE= 504.2 M/SEC RHOE=.00911 KG/CUB M RE = 12.36E6 /M
DELTA= .285 CM DELTA*= .0750 CM THETA= .0228 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	0.000000	.147805	0.000000	1.000000	.583107	0.000000
2	.012700	.233205	.541320	1.000000	.664252	.834149
3	.025400	.286532	.645186	1.000000	.705546	1.024640
4	.038100	.322606	.691335	1.000000	.728202	1.115418
5	.050800	.347178	.720819	1.000000	.744337	1.175802
6	.063500	.374539	.750857	1.000000	.762270	1.239468
7	.076200	.397717	.773672	1.000000	.776998	1.289409
8	.088900	.424729	.798632	1.000000	.794315	1.345757
9	.101600	.449302	.819405	1.000000	.809771	1.394130
10	.114300	.475617	.840485	1.000000	.826515	1.444705
11	.127000	.501932	.859902	1.000000	.842962	1.492714
12	.139700	.530512	.879635	1.000000	.860769	1.543012
13	.152400	.558047	.897458	1.000000	.877880	1.589847
14	.165100	.585059	.913928	1.000000	.894632	1.634399
15	.177800	.607714	.927039	1.000000	.908661	1.670792
16	.190500	.636121	.942920	1.000000	.926536	1.716049
17	.203200	.655291	.952978	1.000000	.938389	1.745411
18	.215900	.677249	.964057	1.000000	.951954	1.778420
19	.228600	.698684	.974448	1.000000	.965185	1.810037
20	.241300	.714543	.981881	1.000000	.974968	1.833063
21	.254000	.728833	.988402	1.000000	.983780	1.853558
22	.266700	.742426	.994457	1.000000	.992158	1.872837
23	.279400	.752186	.998718	1.000000	.998171	1.886552
24	.292100	.759331	1.001793	1.000000	1.002573	1.896529
25	.304800	.767347	1.005200	1.000000	1.007510	1.907658
26	.317500	.771007	1.006740	1.000000	1.009764	1.912717
27	.330200	.775190	1.008488	1.000000	1.012340	1.918481
28	.342900	.777107	1.009286	1.000000	1.013520	1.921117
29	.355600	.778675	1.009936	1.000000	1.014486	1.923271
30	.368300	.779721	1.010369	1.000000	1.015129	1.924706
31	.381000	.781463	1.011089	1.000000	1.016202	1.927094
32	.393700	.782683	1.011591	1.000000	1.016953	1.928764
33	.406400	.785994	1.012950	1.000000	1.018992	1.933290
34	.419100	.786343	1.013093	1.000000	1.019206	1.933766
35	.431800	.787389	1.013520	1.000000	1.019850	1.935192
36	.444500	.788783	1.014089	1.000000	1.020708	1.937093
37	.457200	.789654	1.014444	1.000000	1.021244	1.938280
38	.469900	.790874	1.014940	1.000000	1.021995	1.939940
39	.482600	.790874	1.014940	1.000000	1.021995	1.939940
40	.495300	.792617	1.015646	1.000000	1.023068	1.942309
41	.508000	.794708	1.016492	1.000000	1.024355	1.945148
42	.533400	.796102	1.017054	1.000000	1.025213	1.947039
43	.558800	.796974	1.017404	1.000000	1.025750	1.948219

STATION X= 4.14 CM PTO= 10.086 N/SQ CM TTO=303.72K
R= 2.576 CM PWALL= 1.8796 N/SQ CM CF= .0019 PI = 1.690
UE= 473.4 M/SEC RHOE=.01059 KG/CUB M RE = 12.56E6 /M
DELTA= .263 CM DELTA*= .0788 CM THETA= .0253 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	0.000000	.186364	0.000000	1.000000	.632511	0.000000
2	.012700	.250632	.469972	1.000000	.688387	.664600
3	.025400	.282349	.551874	1.000000	.712227	.793820
4	.038100	.309884	.606604	1.000000	.731416	.884220
5	.050800	.341776	.657963	1.000000	.752176	.972600
6	.063500	.370705	.699198	1.000000	.771033	1.046429
7	.076200	.398937	.727852	1.000000	.785420	1.099428
8	.088900	.427692	.758091	1.000000	.801862	1.157028
9	.101600	.456621	.785577	1.000000	.818032	1.211008
10	.114300	.487119	.812333	1.000000	.834999	1.265173
11	.127000	.513782	.834128	1.000000	.849793	1.310576
12	.139700	.545151	.857657	1.000000	.866829	1.360985
13	.152400	.575474	.878872	1.000000	.883216	1.407770
14	.165100	.608586	.900878	1.000000	.901330	1.457742
15	.177800	.639606	.919918	1.000000	.917996	1.502250
16	.190500	.666095	.935308	1.000000	.932192	1.539147
17	.203200	.697290	.952504	1.000000	.948875	1.581408
18	.215900	.722037	.965490	1.000000	.962086	1.614089
19	.228600	.744866	.976997	1.000000	.974258	1.643626
20	.241300	.767173	.987829	1.000000	.986138	1.671951
21	.254000	.784252	.996149	1.000000	.995553	1.694062
22	.266700	.795754	1.001440	1.000000	1.001677	1.708289
23	.279400	.801853	1.004207	1.000000	1.004923	1.715784
24	.292100	.804990	1.005620	1.000000	1.006592	1.719625
25	.304800	.804293	1.005307	1.000000	1.006221	1.718772
26	.317500	.802027	1.004286	1.000000	1.005016	1.715997
27	.330200	.799936	1.003340	1.000000	1.003903	1.713432
28	.342900	.796451	1.001757	1.000000	1.002048	1.709147
29	.355600	.795754	1.001440	1.000000	1.001677	1.708289
30	.368300	.794708	1.000963	1.000000	1.001120	1.707001
31	.381000	.794185	1.000724	1.000000	1.000842	1.706357
32	.393700	.794185	1.000724	1.000000	1.000842	1.706357
33	.406400	.794882	1.001042	1.000000	1.001213	1.707216
34	.419100	.795057	1.001122	1.000000	1.001306	1.707431
35	.431800	.795579	1.001360	1.000000	1.001584	1.708075
36	.444500	.796625	1.001837	1.000000	1.002141	1.709362
37	.457200	.797322	1.002154	1.000000	1.002512	1.710220
38	.469900	.798368	1.002629	1.000000	1.003068	1.711505
39	.482600	.799588	1.003182	1.000000	1.003717	1.713004
40	.495300	.799936	1.003340	1.000000	1.003903	1.713432
41	.508000	.800982	1.003813	1.000000	1.004459	1.714715
42	.533400	.802376	1.004443	1.000000	1.005201	1.716424
43	.558800	.803073	1.004757	1.000000	1.005572	1.717278

STATION X= 4.39 CM PTO= 10.086 N/SQ CM TTO=303.72K

R= 2.576 CM PWALL= 2.0490 N/SQ CM CF= .0017 PI = 2.082

UE= 462.4 M/SEC RHOE=.01125 KG/CUB M RE = 12.76E6 /M

DELTA= .261 CM DELTA*= .0828 CM THETA= .0268 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	0.000000	.203161	0.000000	1.000000	.649317	0.000000
2	.012700	.257951	.433645	1.000000	.695159	.594142
3	.025400	.286880	.517419	1.000000	.716595	.719770
4	.038100	.310058	.569604	1.000000	.732680	.801207
5	.050800	.335502	.617055	1.000000	.749377	.877787
6	.063500	.363211	.660416	1.000000	.766562	.950179
7	.076200	.391443	.700472	1.000000	.784262	1.019379
8	.088900	.421941	.731272	1.000000	.799189	1.074282
9	.101600	.451044	.761471	1.000000	.815048	1.129691
10	.114300	.481019	.789715	1.000000	.831076	1.183057
11	.127000	.510994	.815565	1.000000	.846849	1.233321
12	.139700	.544105	.841617	1.000000	.863908	1.285472
13	.152400	.577740	.866532	1.000000	.881410	1.336867
14	.165100	.610154	.888571	1.000000	.897944	1.383666
15	.177800	.642917	.909437	1.000000	.914584	1.429219
16	.190500	.676900	.930111	1.000000	.932094	1.475636
17	.203200	.706004	.946557	1.000000	.946805	1.513532
18	.215900	.736153	.962746	1.000000	.962010	1.551730
19	.228600	.762293	.976142	1.000000	.975170	1.584046
20	.241300	.784077	.986884	1.000000	.986121	1.610445
21	.254000	.804641	.996695	1.000000	.996449	1.634949
22	.266700	.817363	1.002612	1.000000	1.002833	1.649915
23	.279400	.830259	1.008495	1.000000	1.009301	1.664940
24	.292100	.837230	1.011629	1.000000	1.012795	1.673002
25	.304800	.842110	1.014094	1.000000	1.015570	1.679375
26	.317500	.845421	1.015561	1.000000	1.017231	1.683179
27	.330200	.846641	1.016100	1.000000	1.017843	1.684578
28	.342900	.847164	1.016330	1.000000	1.018105	1.685178
29	.355600	.847164	1.016330	1.000000	1.018105	1.685178
30	.368300	.847164	1.016330	1.000000	1.018105	1.685178
31	.381000	.847164	1.016330	1.000000	1.018105	1.685178
32	.393700	.847164	1.016330	1.000000	1.018105	1.685178
33	.406400	.847164	1.016330	1.000000	1.018105	1.685178
34	.419100	.844375	1.015099	1.000000	1.016707	1.681979
35	.431800	.840541	1.013397	1.000000	1.014783	1.677570
36	.444500	.833222	1.009831	1.000000	1.010786	1.668371
37	.457200	.827645	1.007312	1.000000	1.007990	1.661906
38	.469900	.819106	1.003413	1.000000	1.003707	1.651954
39	.482600	.813181	1.000679	1.000000	1.000734	1.645010
40	.495300	.810044	.999222	1.000000	.999160	1.641322
41	.508000	.808998	.998734	1.000000	.998635	1.640091
42	.533400	.808301	.998409	1.000000	.998286	1.639269
43	.558800	.808301	.998409	1.000000	.998286	1.639269

ID NO. 11212-009

STATION X= 4.65 CM PTO= 10.086 N/SQ CM TTO=303.72K
R= 2.576 CM PWALL= 2.1869 N/SQ CM CF= .0015 PI = 2.344
UE= 456.0 M/SEC RHOE=.01163 KG/CUB M RE = 13.05E6 /M
DELTA= .269 CM DELTA*= .0877 CM THETA= .0285 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	0.000000	.216830	0.000000	1.000000	.658913	0.000000
2	.012700	.270150	.422499	1.000000	.701633	.569356
3	.025400	.295245	.497497	1.000000	.719668	.678985
4	.038100	.314938	.544583	1.000000	.733067	.750135
5	.050800	.337071	.589248	1.000000	.747431	.819572
6	.063500	.360074	.628894	1.000000	.761663	.883004
7	.076200	.387435	.669349	1.000000	.777769	.949690
8	.088900	.412356	.704123	1.000000	.793018	1.008773
9	.101600	.443202	.733606	1.000000	.807062	1.060278
10	.114300	.473700	.764706	1.000000	.823085	1.116145
11	.127000	.508380	.796117	1.000000	.840645	1.174321
12	.139700	.541143	.823243	1.000000	.857027	1.226108
13	.152400	.575126	.849334	1.000000	.873947	1.277394
14	.165100	.607540	.872522	1.000000	.890023	1.324282
15	.177800	.644486	.896759	1.000000	.907962	1.374717
16	.190500	.676900	.916661	1.000000	.923629	1.417298
17	.203200	.706701	.934317	1.000000	.938290	1.456016
18	.215900	.743124	.954302	1.000000	.955813	1.500983
19	.228600	.768393	.967480	1.000000	.967941	1.531334
20	.241300	.794882	.980739	1.000000	.980634	1.562465
21	.254000	.812309	.989172	1.000000	.988974	1.582587
22	.266700	.832002	.998440	1.000000	.998388	1.605000
23	.279400	.845421	1.004602	1.000000	1.004798	1.620082
24	.292100	.854657	1.008775	1.000000	1.009208	1.630377
25	.304800	.861105	1.011655	1.000000	1.012286	1.637524
26	.317500	.866334	1.013971	1.000000	1.014781	1.643294
27	.330200	.870168	1.015659	1.000000	1.016610	1.647511
28	.342900	.871736	1.016347	1.000000	1.017358	1.649234
29	.355600	.873653	1.017185	1.000000	1.018272	1.651336
30	.368300	.874524	1.017565	1.000000	1.018688	1.652290
31	.381000	.875047	1.017793	1.000000	1.018937	1.652863
32	.393700	.875221	1.017869	1.000000	1.019021	1.653054
33	.406400	.875221	1.017869	1.000000	1.019021	1.653054
34	.419100	.875221	1.017869	1.000000	1.019021	1.653054
35	.431800	.875221	1.017869	1.000000	1.019021	1.653054
36	.444500	.874176	1.017413	1.000000	1.018522	1.651909
37	.457200	.872607	1.016728	1.000000	1.017774	1.650189
38	.469900	.870865	1.015965	1.000000	1.016942	1.648277
39	.482600	.868948	1.015123	1.000000	1.016028	1.646171
40	.495300	.866682	1.014125	1.000000	1.014947	1.643678
41	.508000	.864765	1.013278	1.000000	1.014032	1.641565
42	.533400	.860931	1.011578	1.000000	1.012203	1.637331
43	.558800	.859886	1.011112	1.000000	1.011704	1.636174

STATION X= 4.90 CM PTO= 10.086 N/SQ CM TTO=303.72K
R= 2.576 CM PWALL= 2.3079 N/SQ CM CF= .0014 PI = 2.594
UE= 450.7 M/SEC RHOE=.01233 KG/CUB M RE = 13.31E6 /M
DELTA= .280 CM DELTA*= .0929 CM THETA= .0303 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	0.000000	.228833	0.000000	1.000000	.666913	0.000000
2	.012700	.281478	.415284	1.000000	.707558	.552020
3	.025400	.303959	.483640	1.000000	.723264	.649980
4	.038100	.320689	.525322	1.000000	.734421	.711422
5	.050800	.336896	.560444	1.000000	.744840	.764351
6	.063500	.358157	.600576	1.000000	.757978	.826276
7	.076200	.379244	.635229	1.000000	.770469	.881124
8	.088900	.405908	.673408	1.000000	.785572	.943193
9	.101600	.434314	.711149	1.000000	.802015	1.006424
10	.114300	.463592	.738354	1.000000	.814887	1.053276
11	.127000	.496878	.771159	1.000000	.831648	1.111330
12	.139700	.529641	.799996	1.000000	.847599	1.163890
13	.152400	.564321	.827940	1.000000	.864242	1.216314
14	.165100	.597084	.852512	1.000000	.879925	1.263725
15	.177800	.636121	.879627	1.000000	.898470	1.317587
16	.190500	.670627	.901629	1.000000	.914554	1.362579
17	.203200	.705307	.922384	1.000000	.930647	1.406156
18	.215900	.741729	.943244	1.000000	.947791	1.451140
19	.228600	.771356	.959042	1.000000	.961470	1.486054
20	.241300	.799588	.973425	1.000000	.974476	1.518508
21	.254000	.824508	.985617	1.000000	.985937	1.546541
22	.266700	.841761	.993797	1.000000	.993861	1.565632
23	.279400	.854483	.999699	1.000000	.999700	1.579550
24	.292100	.867205	1.005495	1.000000	1.005535	1.593337
25	.304800	.877487	1.010104	1.000000	1.010248	1.604388
26	.317500	.882541	1.012346	1.000000	1.012564	1.609790
27	.330200	.886898	1.014265	1.000000	1.014560	1.614431
28	.342900	.889512	1.015412	1.000000	1.015758	1.617209
29	.355600	.891777	1.016402	1.000000	1.016795	1.619613
30	.368300	.892300	1.016630	1.000000	1.017035	1.620167
31	.381000	.893171	1.017009	1.000000	1.017434	1.621090
32	.393700	.893171	1.017009	1.000000	1.017434	1.621090
33	.406400	.893694	1.017237	1.000000	1.017673	1.621643
34	.419100	.893694	1.017237	1.000000	1.017673	1.621643
35	.431800	.893520	1.017161	1.000000	1.017593	1.621459
36	.444500	.893520	1.017161	1.000000	1.017593	1.621459
37	.457200	.893520	1.017161	1.000000	1.017593	1.621459
38	.469900	.893171	1.017009	1.000000	1.017434	1.621090
39	.482600	.892474	1.016706	1.000000	1.017115	1.620351
40	.495300	.890906	1.016021	1.000000	1.016396	1.618689
41	.508000	.890383	1.015793	1.000000	1.016157	1.618134
42	.533400	.889860	1.015564	1.000000	1.015917	1.617579
43	.558800	.889337	1.015335	1.000000	1.015678	1.617024

STATION X= 5.16 CM PTO= 10.086 N/SQ CM TTO=303.72K
R= 2.576 CM PWALL= 2.4070 N/SQ CM CF= .0014 PI = 2.617
UE= 446.7 M/SEC RHOE=.01275 KG/CUB M RE = 13.54E6 /M
DELTA= .289 CM DELTA*= .0952 CM THETA= .0314 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	0.000000	.238660	0.000000	1.000000	.672793	0.000000
2	.012700	.294546	.422267	1.000000	.714479	.556592
3	.025400	.315461	.483900	1.000000	.728619	.644112
4	.038100	.330623	.521302	1.000000	.738457	.698567
5	.050800	.346830	.556390	1.000000	.748624	.750700
6	.063500	.365303	.591600	1.000000	.759806	.804146
7	.076200	.387784	.629107	1.000000	.772882	.862455
8	.088900	.410090	.661778	1.000000	.785332	.914523
9	.101600	.435708	.694903	1.000000	.799046	.968647
10	.114300	.465335	.731127	1.000000	.815415	1.029527
11	.127000	.493915	.755151	1.000000	.827127	1.070965
12	.139700	.531035	.789300	1.000000	.845056	1.131464
13	.152400	.562578	.815185	1.000000	.859731	1.178673
14	.165100	.599698	.843896	1.000000	.877202	1.232520
15	.177800	.636469	.869476	1.000000	.893917	1.281922
16	.190500	.674809	.894667	1.000000	.911528	1.331993
17	.203200	.704958	.912982	1.000000	.925105	1.369347
18	.215900	.742601	.934546	1.000000	.941990	1.414423
19	.228600	.774144	.951978	1.000000	.956399	1.451784
20	.241300	.801853	.966295	1.000000	.968775	1.483121
21	.254000	.827994	.979260	1.000000	.980427	1.512032
22	.266700	.847164	.988456	1.000000	.988959	1.532857
23	.279400	.863371	.996034	1.000000	.996165	1.550228
24	.292100	.874699	1.001229	1.000000	1.001198	1.562244
25	.304800	.885329	1.006030	1.000000	1.005918	1.573432
26	.317500	.891952	1.008986	1.000000	1.008858	1.580358
27	.330200	.897528	1.011454	1.000000	1.011332	1.586166
28	.342900	.900317	1.012681	1.000000	1.012569	1.589061
29	.355600	.902931	1.013827	1.000000	1.013728	1.591770
30	.368300	.905370	1.014893	1.000000	1.014811	1.594294
31	.381000	.905545	1.014969	1.000000	1.014888	1.594474
32	.393700	.906416	1.015349	1.000000	1.015274	1.595374
33	.406400	.907113	1.015653	1.000000	1.015583	1.596094
34	.419100	.907113	1.015653	1.000000	1.015583	1.596094
35	.431800	.906590	1.015425	1.000000	1.015352	1.595554
36	.444500	.906765	1.015501	1.000000	1.015429	1.595734
37	.457200	.906765	1.015501	1.000000	1.015429	1.595734
38	.469900	.906765	1.015501	1.000000	1.015429	1.595734
39	.482600	.906765	1.015501	1.000000	1.015429	1.595734
40	.495300	.906765	1.015501	1.000000	1.015429	1.595734
41	.508000	.906765	1.015501	1.000000	1.015429	1.595734
42	.533400	.905022	1.014741	1.000000	1.014656	1.593934
43	.558800	.904848	1.014665	1.000000	1.014579	1.593753

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STATION X= 5.66 CM PTO= 10.086 N/SQ CM TTO=303.72K
R= 2.576 CM PWALL= 2.4965 N/SQ CM CF= .0015 PI = 2.408
UE= 444.2 M/SEC RHOE=.01316 KG/CUB M RE = 13.31E6 /M
DELTA= .306 CM DELTA*= .0967 CM THETA= .0327 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	0.000000	.247535	0.000000	1.000000	.676330	0.000000
2	.012700	.311627	.443524	1.000000	.722320	.583095
3	.025400	.336199	.508694	1.000000	.738155	.676063
4	.038100	.350838	.541324	1.000000	.747198	.723823
5	.050800	.363560	.566875	1.000000	.754841	.761856
6	.063500	.380987	.598442	1.000000	.765007	.809678
7	.076200	.401203	.631019	1.000000	.776391	.860082
8	.088900	.421941	.660804	1.000000	.787652	.907187
9	.101600	.444422	.689722	1.000000	.799421	.953936
10	.114300	.472305	.724304	1.000000	.814661	1.011268
11	.127000	.500886	.748314	1.000000	.826048	1.052067
12	.139700	.532778	.777961	1.000000	.841094	1.103665
13	.152400	.564147	.804693	1.000000	.855666	1.151436
14	.165100	.598827	.831486	1.000000	.871307	1.200599
15	.177800	.636469	.858482	1.000000	.888204	1.251539
16	.190500	.671846	.881738	1.000000	.903751	1.296646
17	.203200	.707572	.904151	1.000000	.919672	1.341265
18	.215900	.741207	.923662	1.000000	.934337	1.381090
19	.228600	.771007	.940064	1.000000	.947285	1.415321
20	.241300	.801853	.956613	1.000000	.960959	1.450594
21	.254000	.826251	.968892	1.000000	.971523	1.477268
22	.266700	.849778	.980322	1.000000	.981692	1.502497
23	.279400	.868599	.989192	1.000000	.989816	1.522352
24	.292100	.881147	.994977	1.000000	.995227	1.535434
25	.304800	.891603	.999721	1.000000	.999733	1.546245
26	.317500	.899271	1.003158	1.000000	1.003036	1.554120
27	.330200	.905370	1.005866	1.000000	1.005663	1.560355
28	.342900	.910076	1.007940	1.000000	1.007688	1.565146
29	.355600	.911993	1.008781	1.000000	1.008513	1.567093
30	.368300	.913038	1.009239	1.000000	1.008963	1.568154
31	.381000	.913736	1.009544	1.000000	1.009263	1.568861
32	.393700	.914258	1.009772	1.000000	1.009488	1.569391
33	.406400	.914607	1.009924	1.000000	1.009638	1.569744
34	.419100	.914781	1.010000	1.000000	1.009713	1.569921
35	.431800	.914781	1.010000	1.000000	1.009713	1.569921
36	.444500	.914084	1.009696	1.000000	1.009413	1.569214
37	.457200	.912864	1.009162	1.000000	1.008888	1.567977
38	.469900	.912167	1.008857	1.000000	1.008588	1.567270
39	.482600	.911644	1.008628	1.000000	1.008363	1.566739
40	.495300	.908333	1.007173	1.000000	1.006938	1.563373
41	.508000	.907287	1.006712	1.000000	1.006488	1.562308
42	.533400	.904151	1.005326	1.000000	1.005137	1.559110
43	.558800	.901014	1.003934	1.000000	1.003787	1.555904

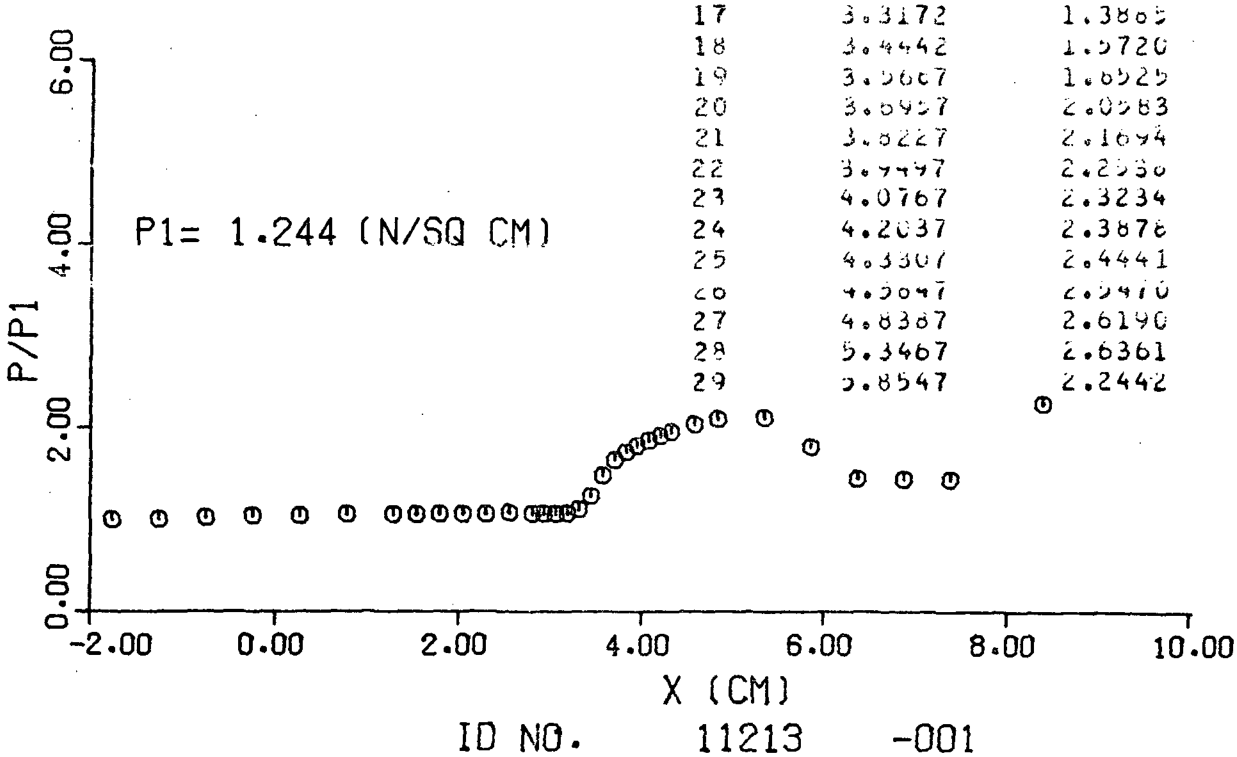
STATION X= 6.17 CM PTO= 10.086 N/SQ CM TTO=303.72K
R= 2.576 CM PWALL= 2.2421 N/SQ CM CF= .0020 PI = 1.403
UE= 455.5 M/SEC RHOE=.01211 KG/CUB M RE = 13.31E6 /M
DELTA= .321 CM DELTA*= .0845 CM THETA= .0297 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	0.000000	.222305	0.000000	1.000000	.659788	0.000000
2	.012700	.323477	.546540	1.000000	.734422	.752060
3	.025400	.358855	.613075	1.000000	.756527	.856216
4	.038100	.375759	.639808	1.000000	.766542	.899446
5	.050800	.390049	.660448	1.000000	.774760	.933426
6	.063500	.406082	.681788	1.000000	.783729	.969149
7	.076200	.426472	.709319	1.000000	.796049	1.016177
8	.088900	.444596	.728366	1.000000	.805099	1.049378
9	.101600	.469169	.749977	1.000000	.815920	1.087752
10	.114300	.492869	.772505	1.000000	.827866	1.128598
11	.127000	.516396	.793137	1.000000	.839442	1.166813
12	.139700	.547416	.818598	1.000000	.854622	1.215110
13	.152400	.577565	.841731	1.000000	.869336	1.260158
14	.165100	.610503	.865315	1.000000	.885313	1.307317
15	.177800	.642743	.886589	1.000000	.900636	1.350999
16	.190500	.670278	.903743	1.000000	.913668	1.387066
17	.203200	.699207	.920861	1.000000	.927313	1.423853
18	.215900	.725871	.936250	1.000000	.940160	1.457641
19	.228600	.752011	.950355	1.000000	.952447	1.489238
20	.241300	.775364	.962459	1.000000	.963402	1.516856
21	.254000	.796974	.973272	1.000000	.973525	1.541934
22	.266700	.812658	.980899	1.000000	.980863	1.559863
23	.279400	.825728	.987119	1.000000	.986973	1.574636
24	.292100	.838102	.992897	1.000000	.992754	1.588485
25	.304800	.848035	.997462	1.000000	.997392	1.599511
26	.317500	.852740	.999601	1.000000	.999589	1.604705
27	.330200	.855877	1.001019	1.000000	1.001052	1.608158
28	.342900	.859363	1.002587	1.000000	1.002679	1.611985
29	.355600	.860931	1.003290	1.000000	1.003411	1.613704
30	.368300	.861628	1.003602	1.000000	1.003736	1.614468
31	.381000	.861977	1.003758	1.000000	1.003898	1.614849
32	.393700	.862325	1.003914	1.000000	1.004061	1.615231
33	.406400	.862325	1.003914	1.000000	1.004061	1.615231
34	.419100	.861454	1.003524	1.000000	1.003654	1.614277
35	.431800	.860583	1.003134	1.000000	1.003248	1.613322
36	.444500	.859188	1.002509	1.000000	1.002597	1.611794
37	.457200	.857969	1.001961	1.000000	1.002028	1.610455
38	.469900	.856749	1.001412	1.000000	1.001459	1.609115
39	.482600	.855529	1.000862	1.000000	1.000890	1.607774
40	.495300	.853612	.999995	1.000000	.999995	1.605665
41	.508000	.852218	.999364	1.000000	.999345	1.604129
42	.533400	.849081	.997938	1.000000	.997880	1.600666
43	.558800	.848209	.997541	1.000000	.997474	1.599703

ID NO. 11213-001

PTO= 10.0202 N/SQ CM
TTO= 303.2222 K
PBAR= 755.0000 MMHG
TMAN= 302.2776 K

I	X(CM)	P(N/SQ CM)
1	-1.7626	1.2441
2	-1.2548	1.2469
3	-.7468	1.2726
4	-.2368	1.2967
5	.2692	1.2997
6	.7772	1.3179
7	1.2852	1.3165
8	1.5392	1.3206
9	1.7932	1.3227
10	2.0472	1.3216
11	2.3012	1.3240
12	2.5552	1.3436
13	2.8092	1.3347
14	2.9362	1.3275
15	3.0632	1.3268
16	3.1902	1.3340
17	3.3172	1.3865
18	3.4442	1.5720
19	3.5667	1.6525
20	3.6957	2.0583
21	3.8227	2.1694
22	3.9497	2.2536
23	4.0767	2.3234
24	4.2037	2.3876
25	4.3307	2.4441
26	4.5847	2.5470
27	4.8387	2.6190
28	5.3467	2.6361
29	5.8547	2.2442



ID NO. 11213-002

STATION X= 2.57 CM PTO= 10.020 N/SQ CM TTO=307.78K
R= 2.576 CM PWALL= 1.3279 N/SQ CM CF= .0025 PI = 0.785
UE= 514.8 M/SEC RHOE=.00818 KG/CUB M RE = 11.44E6 /M
DELTA= .285 CM DELTA*= .0704 CM THETA= .0211 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	0.000000	.132528	0.000000	1.000000	.571030	0.000000
2	.012700	.224685	.571295	1.000000	.663993	.902218
3	.025400	.281869	.670825	1.000000	.707630	1.093657
4	.038100	.316951	.717878	1.000000	.733095	1.191242
5	.050800	.343613	.748841	1.000000	.751899	1.258457
6	.063500	.368872	.775577	1.000000	.769617	1.318656
7	.076200	.395535	.801134	1.000000	.787975	1.378258
8	.088900	.420794	.823784	1.000000	.805524	1.432919
9	.101600	.443773	.842739	1.000000	.821222	1.480106
10	.114300	.468856	.862113	1.000000	.838304	1.529799
11	.127000	.493063	.879649	1.000000	.854745	1.576149
12	.139700	.513586	.893714	1.000000	.868657	1.614327
13	.152400	.539196	.910328	1.000000	.885986	1.660659
14	.165100	.561824	.924484	1.000000	.901572	1.701252
15	.177800	.582698	.936701	1.000000	.915672	1.737161
16	.190500	.602695	.947904	1.000000	.929167	1.770845
17	.203200	.622341	.958467	1.000000	.942414	1.803298
18	.215900	.641461	.968353	1.000000	.955297	1.834308
19	.228600	.660405	.977788	1.000000	.968053	1.864506
20	.241300	.673912	.984308	1.000000	.977144	1.885730
21	.254000	.688997	.991396	1.000000	.987292	1.909146
22	.266700	.698644	.995826	1.000000	.993780	1.923967
23	.279400	.706538	.999392	1.000000	.999088	1.936007
24	.292100	.710046	1.000961	1.000000	1.001446	1.941333
25	.304800	.717238	1.004145	1.000000	1.006280	1.952204
26	.317500	.720045	1.005377	1.000000	1.008167	1.956430
27	.330200	.723202	1.006755	1.000000	1.010289	1.961173
28	.342900	.726008	1.007974	1.000000	1.012175	1.965379
29	.355600	.726710	1.008278	1.000000	1.012646	1.966429
30	.368300	.726886	1.008354	1.000000	1.012764	1.966691
31	.381000	.726886	1.008354	1.000000	1.012764	1.966691
32	.393700	.726886	1.008354	1.000000	1.012764	1.966691
33	.406400	.727587	1.008657	1.000000	1.013236	1.967741
34	.419100	.727938	1.008808	1.000000	1.013471	1.968265
35	.431800	.728113	1.008884	1.000000	1.013589	1.968527
36	.444500	.727938	1.008808	1.000000	1.013471	1.968265
37	.457200	.727938	1.008808	1.000000	1.013471	1.968265
38	.469900	.727938	1.008808	1.000000	1.013471	1.968265
39	.482600	.727938	1.008808	1.000000	1.013471	1.968265
40	.495300	.727938	1.008808	1.000000	1.013471	1.968265
41	.508000	.727938	1.008808	1.000000	1.013471	1.968265
42	.533400	.727938	1.008808	1.000000	1.013471	1.968265
43	.558800	.727938	1.008808	1.000000	1.013471	1.968265

ID NO. 11213-003

STATION X= 2.82 CM PTO= 10.020 N/SQ CM TTO=307.78K
R= 2.576 CM PWALL= 1.3173 N/SQ CM CF= .0025 PI = 0.772
UE= 516.4 M/SEC RHOE=.00815 KG/CUB M RE = 11.44E6 /M
DELTA= .292 CM DELTA*= .0716 CM THETA= .0214 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	0.000000	.131467	0.000000	1.000000	.568490	0.000000
2	.012700	.223106	.570104	1.000000	.661226	.903126
3	.025400	.281342	.671583	1.000000	.705866	1.099208
4	.038100	.317302	.719247	1.000000	.731861	1.198702
5	.050800	.342385	.748300	1.000000	.749616	1.262160
6	.063500	.369749	.777119	1.000000	.768848	1.327477
7	.076200	.392377	.798781	1.000000	.784476	1.378278
8	.088900	.418514	.822287	1.000000	.802689	1.435211
9	.101600	.441843	.841556	1.000000	.818681	1.483403
10	.114300	.466225	.860414	1.000000	.835342	1.531999
11	.127000	.486748	.875380	1.000000	.849331	1.571644
12	.139700	.510955	.892072	1.000000	.865799	1.617066
13	.152400	.533583	.906823	1.000000	.881165	1.658328
14	.165100	.554106	.919815	1.000000	.895377	1.695596
15	.177800	.574980	.932178	1.000000	.909530	1.731915
16	.190500	.599713	.946124	1.000000	.926282	1.773940
17	.203200	.617254	.955587	1.000000	.938152	1.803125
18	.215900	.636724	.965703	1.000000	.951318	1.834955
19	.228600	.657598	.976123	1.000000	.965423	1.868454
20	.241300	.669702	.981974	1.000000	.973598	1.887595
21	.254000	.684085	.988755	1.000000	.983309	1.910085
22	.266700	.696364	.994401	1.000000	.991595	1.929070
23	.279400	.703907	.997806	1.000000	.996685	1.940637
24	.292100	.708818	.999999	1.000000	.999998	1.948131
25	.304800	.713730	1.002172	1.000000	1.003311	1.955596
26	.317500	.719694	1.004784	1.000000	1.007334	1.964620
27	.330200	.720746	1.005242	1.000000	1.008044	1.966208
28	.342900	.723728	1.006536	1.000000	1.010055	1.970701
29	.355600	.724079	1.006688	1.000000	1.010291	1.971229
30	.368300	.724781	1.006991	1.000000	1.010764	1.972284
31	.381000	.725482	1.007293	1.000000	1.011237	1.973339
32	.393700	.726008	1.007520	1.000000	1.011592	1.974130
33	.406400	.726184	1.007596	1.000000	1.011711	1.974393
34	.419100	.726710	1.007822	1.000000	1.012065	1.975183
35	.431800	.727236	1.008049	1.000000	1.012420	1.975973
36	.444500	.727587	1.008199	1.000000	1.012657	1.976500
37	.457200	.727763	1.008275	1.000000	1.012775	1.976763
38	.469900	.727763	1.008275	1.000000	1.012775	1.976763
39	.482600	.727763	1.008275	1.000000	1.012775	1.976763
40	.495300	.727763	1.008275	1.000000	1.012775	1.976763
41	.508000	.727763	1.008275	1.000000	1.012775	1.976763
42	.533400	.727763	1.008275	1.000000	1.012775	1.976763
43	.558800	.727763	1.008275	1.000000	1.012775	1.976763

IO NO. 11213-004

STATION X= 3.07 CM PTO= 10.020 N/SQ CM TTO=307.78K
R= 2.576 CM PWALL= 1.3108 N/SQ CM CF= .0025 PI = 0.736
UE= 518.0 M/SEC RHOE=.00815 KG/CUB M RE = 11.51E6 /M
DELTA= .302 CM DELTA*= .0729 CM THETA= .0218 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	0.000000	.130816	0.000000	1.000000	.565721	0.000000
2	.012700	.220826	.565630	1.000000	.657007	.898227
3	.025400	.286254	.678331	1.000000	.706997	1.117427
4	.038100	.319757	.721746	1.000000	.731117	1.209056
5	.050800	.346595	.752296	1.000000	.750074	1.276466
6	.063500	.372556	.779214	1.000000	.768311	1.338117
7	.076200	.396061	.801386	1.000000	.784528	1.390640
8	.088900	.420268	.822913	1.000000	.801404	1.443273
9	.101600	.443246	.841727	1.000000	.817148	1.490701
10	.114300	.464822	.858342	1.000000	.831888	1.533775
11	.127000	.484643	.872800	1.000000	.845400	1.572224
12	.139700	.507447	.888565	1.000000	.860915	1.615243
13	.152400	.529373	.902927	1.000000	.875807	1.655485
14	.165100	.549019	.915449	1.000000	.889423	1.691442
15	.177800	.574278	.930441	1.000000	.906552	1.735616
16	.190500	.594626	.941933	1.000000	.920334	1.770360
17	.203200	.616201	.953595	1.000000	.934935	1.806439
18	.215900	.632164	.961897	1.000000	.945729	1.832656
19	.228600	.652687	.972191	1.000000	.959599	1.865801
20	.241300	.665316	.978324	1.000000	.968130	1.885898
21	.254000	.678998	.984803	1.000000	.977369	1.907423
22	.266700	.691628	.990637	1.000000	.985893	1.927072
23	.279400	.700749	.994766	1.000000	.992048	1.941135
24	.292100	.707415	.997740	1.000000	.996545	1.951346
25	.304800	.713730	1.000524	1.000000	1.000805	1.960969
26	.317500	.717589	1.002210	1.000000	1.003408	1.966826
27	.330200	.720045	1.003276	1.000000	1.005064	1.970544
28	.342900	.722500	1.004339	1.000000	1.006720	1.974255
29	.355600	.723728	1.004868	1.000000	1.007546	1.976107
30	.368300	.724781	1.005321	1.000000	1.008258	1.977694
31	.381000	.726008	1.005848	1.000000	1.009086	1.979543
32	.393700	.727763	1.006599	1.000000	1.010269	1.982182
33	.406400	.729868	1.007497	1.000000	1.011688	1.985344
34	.419100	.729868	1.007497	1.000000	1.011688	1.985344
35	.431800	.730745	1.007870	1.000000	1.012280	1.986659
36	.444500	.732674	1.008689	1.000000	1.013581	1.989551
37	.457200	.738813	1.011277	1.000000	1.017720	1.998724
38	.469900	.749163	1.015576	1.000000	1.024696	2.014089
39	.482600	.759161	1.019657	1.000000	1.031434	2.028820
40	.495300	.769861	1.023947	1.000000	1.038644	2.044464
41	.508000	.778456	1.027337	1.000000	1.044435	2.056942
42	.533400	.784245	1.029592	1.000000	1.048334	2.065302
43	.558800	.785473	1.030068	1.000000	1.049161	2.067071

ID NO. 11213-005

STATION X= 3.33 CM PTO= 10.020 N/SQ CM TTO=307.78K
R= 2.576 CM PWALL= 1.3670 N/SQ CM CF= .0023 PI = 0.844
UE= 524.6 M/SEC RHOE=.00867 KG/CUB M RE = 12.63E6 /M
DELTA= .358 CM DELTA*= .0895 CM THETA= .0262 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	0.000000	.136429	0.000000	1.000000	.554677	0.000000
2	.012700	.222054	.540141	1.000000	.637505	.864075
3	.025400	.279764	.643438	1.000000	.680059	1.063120
4	.038100	.317126	.693495	1.000000	.705851	1.167353
5	.050800	.342561	.723097	1.000000	.723032	1.231906
6	.063500	.367995	.749451	1.000000	.739696	1.291433
7	.076200	.390799	.771578	1.000000	.754782	1.343052
8	.088900	.415882	.793811	1.000000	.771042	1.396555
9	.101600	.437107	.811689	1.000000	.784990	1.440867
10	.114300	.459033	.828789	1.000000	.799118	1.484403
11	.127000	.482188	.845800	1.000000	.813995	1.528907
12	.139700	.501483	.859234	1.000000	.826365	1.564947
13	.152400	.524462	.874433	1.000000	.841068	1.606735
14	.165100	.544458	.887011	1.000000	.853842	1.642177
15	.177800	.567613	.901144	1.000000	.868895	1.682983
16	.190500	.587785	.912675	1.000000	.881760	1.717092
17	.203200	.607782	.923632	1.000000	.894501	1.750215
18	.215900	.626200	.933334	1.000000	.906226	1.780153
19	.228600	.644267	.942510	1.000000	.917719	1.809018
20	.241300	.658826	.949672	1.000000	.926975	1.831934
21	.254000	.673561	.956720	1.000000	.936338	1.854827
22	.266700	.688120	.963495	1.000000	.945585	1.877163
23	.279400	.697767	.967885	1.000000	.951711	1.891814
24	.292100	.708643	.972741	1.000000	.958614	1.908190
25	.304800	.722676	.978869	1.000000	.967519	1.929108
26	.317500	.743023	.987488	1.000000	.980425	1.959030
27	.330200	.758635	.993896	1.000000	.990324	1.981672
28	.342900	.766704	.997142	1.000000	.995439	1.993271
29	.355600	.773194	.999721	1.000000	.999552	2.002551
30	.368300	.777053	1.001241	1.000000	1.001998	2.008048
31	.381000	.779860	1.002340	1.000000	1.003776	2.012036
32	.393700	.780386	1.002546	1.000000	1.004110	2.012783
33	.406400	.782491	1.003366	1.000000	1.005443	2.015767
34	.419100	.783894	1.003911	1.000000	1.006333	2.017754
35	.431800	.786350	1.004863	1.000000	1.007889	2.021227
36	.444500	.787578	1.005337	1.000000	1.008667	2.022961
37	.457200	.787928	1.005472	1.000000	1.008889	2.023456
38	.469900	.788104	1.005540	1.000000	1.009000	2.023704
39	.482600	.789156	1.005945	1.000000	1.009667	2.025188
40	.495300	.789683	1.006147	1.000000	1.010000	2.025930
41	.508000	.790384	1.006417	1.000000	1.010445	2.026919
42	.533400	.793015	1.007425	1.000000	1.012112	2.030622
43	.558800	.795547	1.008429	1.000000	1.013779	2.034319

ID NO. 11213-006

STATION X= 3.58 CM PTO= 10.020 N/SQ CM TTO=307.78K
R= 2.576 CM PWALL= 1.8146 N/SQ CM CF= .0018 PI = 2.024
UE= 464.1 M/SEC RHOE=.00980 KG/CUB M RE = 11.00E6 /M
DELTA= .234 CM DELTA*= .0749 CM THETA= .0240 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	0.000000	.181093	0.000000	1.000000	.651421	0.000000
2	.012700	.221527	.400655	1.000000	.690032	.544391
3	.025400	.253101	.511556	1.000000	.716807	.708434
4	.038100	.285377	.591249	1.000000	.741814	.832958
5	.050800	.316249	.649951	1.000000	.763908	.929194
6	.063500	.345718	.698178	1.000000	.784765	1.011676
7	.076200	.375187	.732059	1.000000	.801065	1.071729
8	.088900	.399218	.760306	1.000000	.815807	1.123279
9	.101600	.425881	.788806	1.000000	.831839	1.176779
10	.114300	.453245	.815951	1.000000	.848288	1.229251
11	.127000	.486397	.845340	1.000000	.867514	1.287877
12	.139700	.511481	.866362	1.000000	.882250	1.331068
13	.152400	.542529	.890251	1.000000	.900082	1.381525
14	.165100	.575682	.914327	1.000000	.919320	1.433970
15	.177800	.612869	.939052	1.000000	.940522	1.489632
16	.190500	.641461	.956852	1.000000	.956772	1.530925
17	.203200	.666369	.971589	1.000000	.970898	1.565938
18	.215900	.690751	.985378	1.000000	.984704	1.599414
19	.228600	.711099	.996438	1.000000	.996209	1.626788
20	.241300	.726886	1.004755	1.000000	1.005128	1.647692
21	.254000	.742497	1.012765	1.000000	1.013940	1.668092
22	.266700	.755477	1.019561	1.000000	1.021595	1.685612
23	.279400	.762494	1.023019	1.000000	1.025556	1.694605
24	.292100	.770037	1.026693	1.000000	1.029812	1.704217
25	.304800	.776527	1.029820	1.000000	1.033473	1.712442
26	.317500	.781087	1.031997	1.000000	1.036046	1.718198
27	.330200	.784420	1.033578	1.000000	1.037925	1.722391
28	.342900	.786174	1.034407	1.000000	1.038914	1.724593
29	.355600	.787402	1.034986	1.000000	1.039607	1.726133
30	.368300	.788981	1.035729	1.000000	1.040497	1.728111
31	.381000	.789683	1.036058	1.000000	1.040892	1.728989
32	.393700	.791612	1.036963	1.000000	1.041980	1.731402
33	.406400	.791788	1.037045	1.000000	1.042079	1.731621
34	.419100	.792314	1.037291	1.000000	1.042376	1.732279
35	.431800	.793366	1.037782	1.000000	1.042969	1.733593
36	.444500	.794243	1.038191	1.000000	1.043463	1.734687
37	.457200	.795471	1.038763	1.000000	1.044156	1.736217
38	.469900	.795997	1.039007	1.000000	1.044452	1.736873
39	.482600	.797050	1.039496	1.000000	1.045045	1.738183
40	.495300	.801084	1.041362	1.000000	1.047319	1.743196
41	.508000	.800383	1.041038	1.000000	1.046924	1.742326
42	.533400	.802312	1.041927	1.000000	1.048011	1.744719
43	.558800	.803540	1.042492	1.000000	1.048703	1.746240

ID NO. 11213-007

STATION X= 3.84 CM PTO= 10.020 N/SQ CM TTO=307.78K
R= 2.576 CM PWALL= 2.1424 N/SQ CM CF= .0012 PI = 3.439
UE= 442.2 M/SEC RHOE=.01102 KG/CUB M RE = 11.31E6 /M
DELTA= .234 CM DELTA*= .0868 CM THETA= .0272 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	0.000000	.213812	0.000000	1.000000	.683548	0.000000
2	.012700	.239068	.314990	1.000000	.705706	.402590
3	.025400	.255557	.396224	1.000000	.719283	.511263
4	.038100	.274326	.466037	1.000000	.733996	.607465
5	.050800	.296603	.531143	1.000000	.750554	.700094
6	.063500	.325370	.597689	1.000000	.770670	.798295
7	.076200	.350454	.645040	1.000000	.787197	.870728
8	.088900	.381677	.694390	1.000000	.806629	.948843
9	.101600	.410795	.736131	1.000000	.825025	1.017284
10	.114300	.440791	.765836	1.000000	.839328	1.067470
11	.127000	.470435	.797101	1.000000	.855573	1.121750
12	.139700	.503763	.828709	1.000000	.873350	1.178285
13	.152400	.534460	.855813	1.000000	.889775	1.228211
14	.165100	.569893	.883893	1.000000	.908048	1.281469
15	.177800	.605326	.910293	1.000000	.926496	1.333082
16	.190500	.639882	.933909	1.000000	.944134	1.380624
17	.203200	.676893	.957531	1.000000	.962939	1.429573
18	.215900	.703907	.974174	1.000000	.976941	1.464956
19	.228600	.738287	.993825	1.000000	.994332	1.507751
20	.241300	.763020	1.007285	1.000000	1.006816	1.537736
21	.254000	.790384	1.021572	1.000000	1.020605	1.570189
22	.266700	.811258	1.032071	1.000000	1.031110	1.594469
23	.279400	.833009	1.042665	1.000000	1.042043	1.619354
24	.292100	.846165	1.048910	1.000000	1.048651	1.634213
25	.304800	.855462	1.053252	1.000000	1.053318	1.644622
26	.317500	.863180	1.056812	1.000000	1.057191	1.653213
27	.330200	.870196	1.060016	1.000000	1.060711	1.660982
28	.342900	.869319	1.059617	1.000000	1.060271	1.660013
29	.355600	.863355	1.056893	1.000000	1.057279	1.653407
30	.368300	.854760	1.052926	1.000000	1.052966	1.643838
31	.381000	.848621	1.050063	1.000000	1.049884	1.636967
32	.393700	.837570	1.044844	1.000000	1.044334	1.624520
33	.406400	.828624	1.040557	1.000000	1.039840	1.614370
34	.419100	.821607	1.037155	1.000000	1.036313	1.606360
35	.431800	.816696	1.034752	1.000000	1.033844	1.600729
36	.444500	.813012	1.032938	1.000000	1.031992	1.596491
37	.457200	.812661	1.032765	1.000000	1.031815	1.596087
38	.469900	.810030	1.031463	1.000000	1.030492	1.593051
39	.482600	.809153	1.031027	1.000000	1.030051	1.592038
40	.495300	.809153	1.031027	1.000000	1.030051	1.592038
41	.508000	.808452	1.030679	1.000000	1.029698	1.591227
42	.533400	.809855	1.031376	1.000000	1.030404	1.592849
43	.558800	.810556	1.031723	1.000000	1.030757	1.593659

ID NO. 11213-008

STATION X= 4.09 CM PTO= 10.020 N/SQ CM TTO=307.78K
R= 2.576 CM PWALL= 2.3022 N/SQ CM CF= .0011 PI = 3.818
UE= 442.9 M/SEC RHOE=.01186 KG/CUB M RE = 12.2E6 /M
DELTA= .261 CM DELTA*= .0983 CM THETA= .0305 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	0.000000	.229760	0.000000	1.000000	.682545	0.000000
2	.012700	.257311	.316693	1.000000	.704991	.405501
3	.025400	.272046	.385268	1.000000	.716297	.497245
4	.038100	.283974	.430125	1.000000	.725133	.558553
5	.050800	.301164	.484130	1.000000	.737412	.633984
6	.063500	.323967	.542729	1.000000	.752951	.718170
7	.076200	.346420	.590512	1.000000	.767506	.788915
8	.088900	.372381	.637143	1.000000	.783517	.860047
9	.101600	.400271	.679704	1.000000	.799854	.927013
10	.114300	.429389	.717908	1.000000	.816064	.988989
11	.127000	.461840	.754468	1.000000	.833085	1.050138
12	.139700	.497624	.788320	1.000000	.850292	1.108529
13	.152400	.529198	.817271	1.000000	.866216	1.159952
14	.165100	.567437	.848724	1.000000	.884897	1.217513
15	.177800	.599362	.873146	1.000000	.900482	1.263529
16	.190500	.635672	.898982	1.000000	.918087	1.313572
17	.203200	.665667	.918692	1.000000	.932350	1.352758
18	.215900	.704433	.942604	1.000000	.950698	1.401559
19	.228600	.737761	.962279	1.000000	.966719	1.442820
20	.241300	.764599	.977079	1.000000	.979358	1.474556
21	.254000	.795822	.993521	1.000000	.994029	1.510558
22	.266700	.817222	1.004344	1.000000	1.004066	1.534703
23	.279400	.831957	1.011597	1.000000	1.010969	1.551091
24	.292100	.846691	1.018695	1.000000	1.017867	1.567294
25	.304800	.859145	1.024578	1.000000	1.023692	1.580851
26	.317500	.866863	1.028172	1.000000	1.027301	1.589189
27	.330200	.871249	1.030197	1.000000	1.029351	1.593907
28	.342900	.873880	1.031406	1.000000	1.030580	1.596730
29	.355600	.876335	1.032530	1.000000	1.031728	1.599360
30	.368300	.877914	1.033251	1.000000	1.032465	1.601048
31	.381000	.878090	1.033331	1.000000	1.032547	1.601236
32	.393700	.878090	1.033331	1.000000	1.032547	1.601236
33	.406400	.876862	1.032770	1.000000	1.031974	1.599923
34	.419100	.877037	1.032851	1.000000	1.032056	1.600110
35	.431800	.877037	1.032851	1.000000	1.032056	1.600110
36	.444500	.877739	1.033171	1.000000	1.032383	1.600861
37	.457200	.877739	1.033171	1.000000	1.032383	1.600861
38	.469900	.878265	1.033411	1.000000	1.032629	1.601423
39	.482600	.878265	1.033411	1.000000	1.032629	1.601423
40	.495300	.878791	1.033650	1.000000	1.032875	1.601985
41	.508000	.875809	1.032289	1.000000	1.031482	1.598797
42	.533400	.863355	1.026544	1.000000	1.025661	1.585405
43	.558800	.840552	1.015756	1.000000	1.014993	1.560565

ID NO. 11213-009

STATION X= 4.34 CM PTO= 10.020 N/SQ CM TTO=307.78K
R= 2.576 CM PWALL= 2.4168 N/SQ CM CF= .0010 PI = 4.152
UE= 439.8 M/SEC RHOE=.01237 KG/CUB M RE = 12.56E6 /M
DELTA= .274 CM DELTA*= .1044 CM THETA= .0321 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	0.000000	.241191	0.000000	1.000000	.686910	0.000000
2	.012700	.267836	.306927	1.000000	.707735	.389813
3	.025400	.281518	.371505	1.000000	.717933	.475200
4	.038100	.292919	.415313	1.000000	.726123	.534258
5	.050800	.307654	.463204	1.000000	.736376	.600056
6	.063500	.325020	.510818	1.000000	.748020	.666950
7	.076200	.345367	.558017	1.000000	.761111	.734922
8	.088900	.367294	.601360	1.000000	.774615	.799002
9	.101600	.394482	.647177	1.000000	.790582	.868694
10	.114300	.423250	.688543	1.000000	.806642	.933559
11	.127000	.453245	.725798	1.000000	.822578	.993744
12	.139700	.485696	.759870	1.000000	.838491	1.050409
13	.152400	.521480	.793023	1.000000	.855320	1.107185
14	.165100	.553755	.821507	1.000000	.870935	1.157375
15	.177800	.589714	.850155	1.000000	.887813	1.209286
16	.190500	.633392	.882134	1.000000	.908171	1.269078
17	.203200	.669877	.906896	1.000000	.925137	1.316833
18	.215900	.702854	.927558	1.000000	.940163	1.357727
19	.228600	.740918	.949973	1.000000	.957430	1.403249
20	.241300	.767756	.965317	1.000000	.969868	1.435146
21	.254000	.803189	.984151	1.000000	.985869	1.475168
22	.266700	.825993	.995745	1.000000	.996144	1.500304
23	.279400	.841604	1.003460	1.000000	1.003170	1.517251
24	.292100	.858444	1.011539	1.000000	1.010740	1.535303
25	.304800	.873003	1.018463	1.000000	1.017279	1.550727
26	.317500	.881773	1.022536	1.000000	1.021216	1.559939
27	.330200	.890017	1.026321	1.000000	1.024915	1.568546
28	.342900	.892473	1.027440	1.000000	1.026017	1.571099
29	.355600	.894754	1.028476	1.000000	1.027040	1.573467
30	.368300	.899490	1.030616	1.000000	1.029163	1.578372
31	.381000	.902998	1.032193	1.000000	1.030736	1.581994
32	.393700	.904050	1.032665	1.000000	1.031208	1.583079
33	.406400	.903875	1.032586	1.000000	1.031129	1.582898
34	.419100	.903875	1.032586	1.000000	1.031129	1.582898
35	.431800	.903875	1.032586	1.000000	1.031129	1.582898
36	.444500	.903524	1.032429	1.000000	1.030972	1.582537
37	.457200	.902998	1.032193	1.000000	1.030736	1.581994
38	.469900	.902296	1.031879	1.000000	1.030422	1.581270
39	.482600	.901945	1.031721	1.000000	1.030264	1.580908
40	.495300	.901945	1.031721	1.000000	1.030264	1.580908
41	.508000	.901945	1.031721	1.000000	1.030264	1.580908
42	.533400	.900367	1.031011	1.000000	1.029557	1.579278
43	.558800	.898513	1.030221	1.000000	1.028770	1.577464

ID NO. 11213-010

STATION X= 4.60 CM PTO= 10.020 N/SQ CM TTO=307.78K
R= 2.576 CM PWALL= 2.5323 N/SQ CM CF= .0010 PI = 4.204
UE= 437.7 M/SEC RHOE=.01291 KG/CUB M RE = 12.98E6/M
DELTA= .289 CM DELTA*= .1094 CM THETA= .0339 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	0.000000	.252725	0.000000	1.000000	.689903	0.000000
2	.012700	.280290	.306570	1.000000	.710613	.387424
3	.025400	.296252	.378339	1.000000	.721948	.481918
4	.038100	.307303	.418590	1.000000	.729542	.535987
5	.050800	.318179	.453178	1.000000	.736827	.583165
6	.063500	.335018	.499534	1.000000	.747765	.647571
7	.076200	.351156	.537828	1.000000	.757884	.701916
8	.088900	.371503	.579763	1.000000	.770180	.762757
9	.101600	.393956	.619800	1.000000	.783201	.822297
10	.114300	.422548	.663665	1.000000	.799038	.889350
11	.127000	.449737	.699729	1.000000	.813402	.946068
12	.139700	.483766	.741464	1.000000	.831691	1.013704
13	.152400	.516744	.769993	1.000000	.845317	1.061296
14	.165100	.550949	.801045	1.000000	.861282	1.114473
15	.177800	.590942	.833734	1.000000	.879476	1.172140
16	.190500	.624621	.859069	1.000000	.894643	1.218128
17	.203200	.664966	.887231	1.000000	.912693	1.270689
18	.215900	.702854	.911846	1.000000	.929581	1.317969
19	.228600	.739340	.933696	1.000000	.945512	1.361066
20	.241300	.775650	.954164	1.000000	.961298	1.402465
21	.254000	.801961	.968647	1.000000	.973006	1.432397
22	.266700	.832307	.984250	1.000000	.986148	1.465266
23	.279400	.853006	.994501	1.000000	.995094	1.487227
24	.292100	.869494	1.002452	1.000000	1.002212	1.504470
25	.304800	.890368	1.012260	1.000000	1.011213	1.525995
26	.317500	.891245	1.012665	1.000000	1.011591	1.526893
27	.330200	.901244	1.017259	1.000000	1.015898	1.537080
28	.342900	.905980	1.019413	1.000000	1.017937	1.541881
29	.355600	.909137	1.020842	1.000000	1.019296	1.545072
30	.368300	.912470	1.022343	1.000000	1.020731	1.548433
31	.381000	.913698	1.022895	1.000000	1.021259	1.549669
32	.393700	.914049	1.023052	1.000000	1.021410	1.550022
33	.406400	.914926	1.023445	1.000000	1.021788	1.550904
34	.419100	.915978	1.023916	1.000000	1.022241	1.551962
35	.431800	.917031	1.024387	1.000000	1.022694	1.553019
36	.444500	.917557	1.024622	1.000000	1.022920	1.553548
37	.457200	.918083	1.024857	1.000000	1.023147	1.554076
38	.469900	.917206	1.024465	1.000000	1.022769	1.553195
39	.482600	.919662	1.025560	1.000000	1.023826	1.555659
40	.495300	.920188	1.025795	1.000000	1.024052	1.556186
41	.508000	.920188	1.025795	1.000000	1.024052	1.556186
42	.533400	.918434	1.025013	1.000000	1.023298	1.554428
43	.558800	.918434	1.025013	1.000000	1.023298	1.554428

STATION X= 4.85 CM PTO= 10.020 N/SQ CM TTO=307.78K
R= 2.576 CM PWALL= 2.5954 N/SQ CM CF= .0027 PI = -0.079
UE= 426.0 M/SEC RHOE=.01292 KG/CUB M RE = 12.43E6 /M
DELTA= 1.450 CM DELTA*= .0528 CM THETA= .0049 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	0.000000	.259022	0.000000	1.000000	.706263	0.000000
2	.012700	.288865	.323259	1.000000	.728628	.397910
3	.025400	.304672	.392788	1.000000	.739789	.487184
4	.038100	.315197	.430890	1.000000	.747002	.537042
5	.050800	.326072	.465523	1.000000	.754277	.583025
6	.063500	.339754	.503913	1.000000	.763188	.634823
7	.076200	.355190	.541913	1.000000	.772938	.687042
8	.088900	.376941	.588259	1.000000	.786176	.752159
9	.101600	.396412	.624294	1.000000	.797570	.803998
10	.114300	.420618	.663601	1.000000	.811192	.861887
11	.127000	.447807	.702096	1.000000	.825840	.920081
12	.139700	.483942	.746178	1.000000	.844355	.988750
13	.152400	.511481	.778257	1.000000	.859108	1.040228
14	.165100	.552176	.811720	1.000000	.875757	1.095417
15	.177800	.589188	.843796	1.000000	.893030	1.149879
16	.190500	.624972	.871612	1.000000	.909142	1.198451
17	.203200	.660756	.897560	1.000000	.925202	1.244982
18	.215900	.698644	.922770	1.000000	.941833	1.291403
19	.228600	.738463	.947934	1.000000	.959526	1.339022
20	.241300	.785824	.975316	1.000000	.980124	1.392411
21	.254000	.802838	.984664	1.000000	.987500	1.411036
22	.266700	.829501	.999219	1.000000	.999351	1.440459
23	.279400	.851252	1.010383	1.000000	1.008757	1.463392
24	.292100	.867740	1.018617	1.000000	1.015878	1.480515
25	.304800	.880896	1.025051	1.000000	1.021553	1.494023
26	.317500	.895104	1.031870	1.000000	1.027678	1.508464
27	.330200	.905278	1.036673	1.000000	1.032060	1.518712
28	.342900	.910365	1.039049	1.000000	1.034250	1.523808
29	.355600	.911242	1.039457	1.000000	1.034627	1.524685
30	.368300	.915277	1.041329	1.000000	1.036364	1.528711
31	.381000	.917206	1.042220	1.000000	1.037194	1.530632
32	.393700	.918083	1.042624	1.000000	1.037572	1.531505
33	.406400	.919486	1.043271	1.000000	1.038175	1.532899
34	.419100	.920714	1.043835	1.000000	1.038704	1.534119
35	.431800	.919837	1.043432	1.000000	1.038326	1.533248
36	.444500	.921591	1.044238	1.000000	1.039081	1.534989
37	.457200	.923170	1.044961	1.000000	1.039760	1.536555
38	.469900	.923170	1.044961	1.000000	1.039760	1.536555
39	.482600	.923170	1.044961	1.000000	1.039760	1.536555
40	.495300	.921942	1.044398	1.000000	1.039232	1.535337
41	.508000	.924749	1.045683	1.000000	1.040439	1.538118
42	.533400	.924223	1.045442	1.000000	1.040213	1.537597
43	.558800	.924924	1.045763	1.000000	1.040515	1.538292

ID NO. 11213-012

STATION X= 5.36 CM PTO= 10.020 N/SQ CM TTO=307.78K
R= 2.576 CM PWALL= 2.6201 N/SQ CM CF= .0013 PI = 3.079
UE= 437.3 M/SEC RHOE=.01334 KG/CUB M RE = 13.41E6 /M
DELTA= .311 CM DELTA*= .1055 CM THETA= .0351 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	0.000000	.261487	0.000000	1.000000	.690503	0.000000
2	.012700	.311338	.396404	1.000000	.725801	.505566
3	.025400	.330457	.457206	1.000000	.738266	.588097
4	.038100	.343964	.493385	1.000000	.746764	.638276
5	.050800	.352559	.514220	1.000000	.752049	.667579
6	.063500	.367995	.548199	1.000000	.761313	.716062
7	.076200	.382905	.577572	1.000000	.770001	.758722
8	.088900	.402025	.611268	1.000000	.780796	.808595
9	.101600	.423600	.644988	1.000000	.792546	.859597
10	.114300	.445878	.675968	1.000000	.804237	.907505
11	.127000	.471312	.707500	1.000000	.817086	.957395
12	.139700	.503588	.745416	1.000000	.833911	1.019035
13	.152400	.532355	.768302	1.000000	.844851	1.057189
14	.165100	.566560	.798567	1.000000	.860299	1.108835
15	.177800	.602519	.827898	1.000000	.876421	1.160283
16	.190500	.644618	.858754	1.000000	.894713	1.216022
17	.203200	.679700	.882729	1.000000	.909949	1.260570
18	.215900	.718290	.907349	1.000000	.926605	1.307533
19	.228600	.753548	.928125	1.000000	.941517	1.348191
20	.241300	.785122	.945739	1.000000	.954816	1.383445
21	.254000	.812661	.960408	1.000000	.966380	1.413386
22	.266700	.839499	.974504	1.000000	.977934	1.442677
23	.279400	.862478	.985843	1.000000	.987556	1.466625
24	.292100	.874932	.991836	1.000000	.992764	1.479428
25	.304800	.888263	.998137	1.000000	.998335	1.492998
26	.317500	.895981	1.001733	1.000000	1.001557	1.500793
27	.330200	.903349	1.005130	1.000000	1.004632	1.508192
28	.342900	.907032	1.006816	1.000000	1.006169	1.511877
29	.355600	.909839	1.008095	1.000000	1.007340	1.514678
30	.368300	.913172	1.009608	1.000000	1.008730	1.517997
31	.381000	.914224	1.010084	1.000000	1.009169	1.519044
32	.393700	.914224	1.010084	1.000000	1.009169	1.519044
33	.406400	.913873	1.009925	1.000000	1.009022	1.518695
34	.419100	.913347	1.009687	1.000000	1.008803	1.518172
35	.431800	.912470	1.009290	1.000000	1.008437	1.517299
36	.444500	.911768	1.008972	1.000000	1.008145	1.516601
37	.457200	.910716	1.008494	1.000000	1.007706	1.515552
38	.469900	.909137	1.007776	1.000000	1.007047	1.513978
39	.482600	.908260	1.007376	1.000000	1.006681	1.513103
40	.495300	.906506	1.006576	1.000000	1.005950	1.511351
41	.508000	.904577	1.005693	1.000000	1.005144	1.509422
42	.533400	.902296	1.004647	1.000000	1.004193	1.507138
43	.558800	.895280	1.001408	1.000000	1.001264	1.500086

ID NO. 11213-013

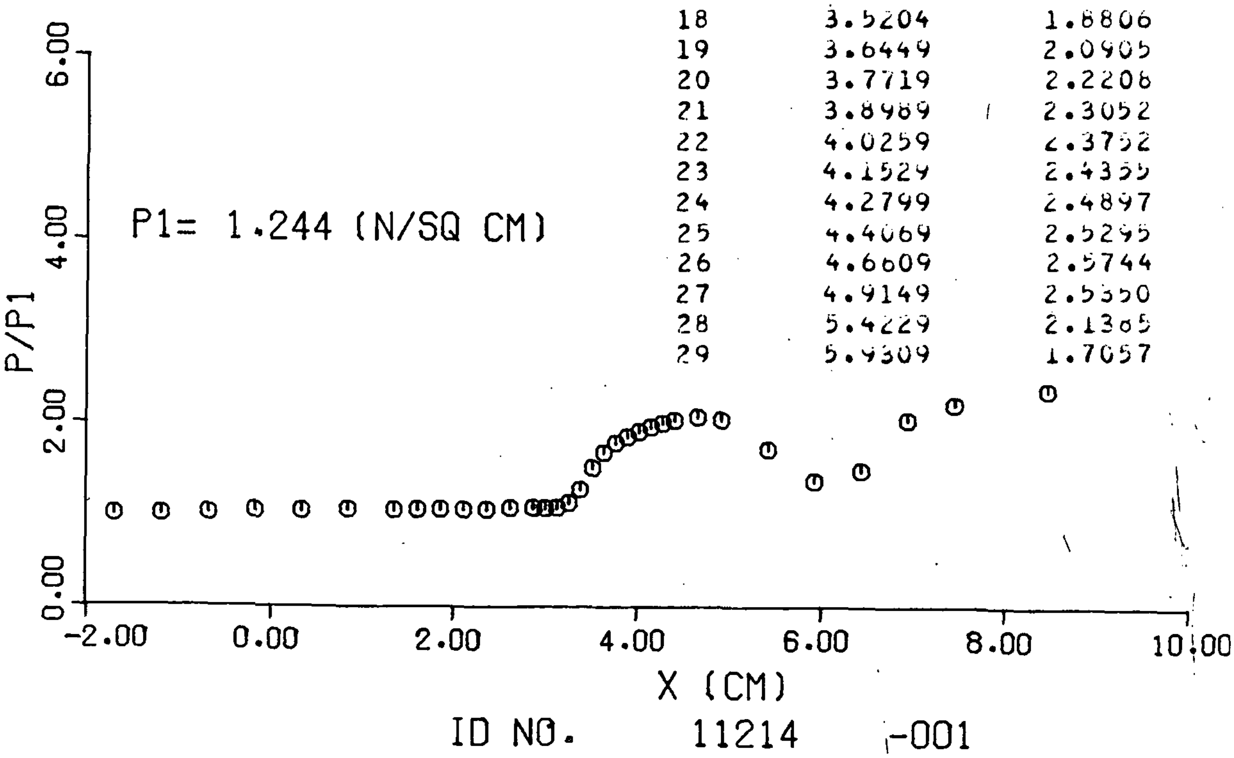
STATION X= 5.87 CM PTO= 10.020 N/SQ CM TTO=307.78K
R= 2.576 CM PWALL= 2.2419 N/SQ CM CF= .0020 PI = 1.476
UE= 455.3 M/SEC RHOE=.01187 KG/CUB M RE = 12.82E6/ M
DELTA= .325 CM DELTA*= .0867 CM THETA= .0306 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	0.000000	.223737	0.000000	1.000000	.664465	0.000000
2	.012700	.318003	.533704	1.000000	.734681	.726889
3	.025400	.355541	.607796	1.000000	.758480	.841101
4	.038100	.369399	.630701	1.000000	.766812	.877578
5	.050800	.384659	.653821	1.000000	.775732	.915024
6	.063500	.398517	.673176	1.000000	.783616	.946887
7	.076200	.416409	.696188	1.000000	.793511	.985419
8	.088900	.434651	.720045	1.000000	.804401	1.026158
9	.101600	.455350	.737790	1.000000	.812944	1.057014
10	.114300	.476750	.759297	1.000000	.823832	1.095088
11	.127000	.505693	.786284	1.000000	.838380	1.143978
12	.139700	.531303	.808627	1.000000	.851222	1.185462
13	.152400	.563227	.834138	1.000000	.866838	1.234027
14	.165100	.589890	.853796	1.000000	.879613	1.272383
15	.177800	.626551	.879484	1.000000	.897360	1.323821
16	.190500	.654967	.897878	1.000000	.910854	1.361632
17	.203200	.681980	.914477	1.000000	.923634	1.396499
18	.215900	.709695	.931047	1.000000	.936998	1.432052
19	.228600	.738989	.947377	1.000000	.950799	1.467862
20	.241300	.759337	.958264	1.000000	.960364	1.492179
21	.254000	.781263	.969605	1.000000	.970656	1.517907
22	.266700	.798804	.978402	1.000000	.978878	1.538153
23	.279400	.814766	.986205	1.000000	.986353	1.556329
24	.292100	.826343	.991750	1.000000	.991770	1.569370
25	.304800	.836517	.996544	1.000000	.996528	1.580735
26	.317500	.842130	.999159	1.000000	.999152	1.586968
27	.330200	.844762	1.000377	1.000000	1.000381	1.589880
28	.342900	.845989	1.000944	1.000000	1.000955	1.591238
29	.355600	.846516	1.001187	1.000000	1.001201	1.591819
30	.368300	.847393	1.001591	1.000000	1.001611	1.592787
31	.381000	.847393	1.001591	1.000000	1.001611	1.592787
32	.393700	.846516	1.001187	1.000000	1.001201	1.591819
33	.406400	.846516	1.001187	1.000000	1.001201	1.591819
34	.419100	.846516	1.001187	1.000000	1.001201	1.591819
35	.431800	.846516	1.001187	1.000000	1.001201	1.591819
36	.444500	.845989	1.000944	1.000000	1.000955	1.591238
37	.457200	.845288	1.000620	1.000000	1.000627	1.590462
38	.469900	.845288	1.000620	1.000000	1.000627	1.590462
39	.482600	.845288	1.000620	1.000000	1.000627	1.590462
40	.495300	.845288	1.000620	1.000000	1.000627	1.590462
41	.508000	.845288	1.000620	1.000000	1.000627	1.590462
42	.533400	.846691	1.001268	1.000000	1.001283	1.592013
43	.558800	.847568	1.001672	1.000000	1.001693	1.592981

ID NO. 11214-001

PTO= 10.1665 N/SQ CM
TTO= 303.7222 K
PBAR= 766.4000 MMHG
TMAN= 300.0556 K

I	X(CM)	P(N/SQ CM)
1	-1.6866	1.2438
2	-1.1786	1.2452
3	-.6706	1.2705
4	-.1626	1.2994
5	.3454	1.2966
6	.8534	1.3216
7	1.3614	1.3158
8	1.6154	1.3192
9	1.8694	1.3192
10	2.1234	1.3192
11	2.3774	1.3192
12	2.6314	1.3360
13	2.8854	1.3391
14	3.0124	1.3333
15	3.1394	1.3391
16	3.2664	1.4043
17	3.3934	1.5895
18	3.5204	1.8806
19	3.6449	2.0905
20	3.7719	2.2206
21	3.8989	2.3052
22	4.0259	2.3752
23	4.1529	2.4355
24	4.2799	2.4897
25	4.4069	2.5295
26	4.6609	2.5744
27	4.9149	2.5350
28	5.4229	2.1365
29	5.9309	1.7057



ID NO. 11214-002

STATION X= 2.62 CM PTO= 10.167 N/SQ CM TTO=303.72K
R= 2.576 CM PWALL= 1.3364 N/SQ CM CF= .0025 PI = 0.724
UE= 514.0 M/SEC RHOE=.00841 KG/CUB M RE = 11.94E6 /M
DELTA= .286 CM DELTA*= .0539 CM THETA= .0206 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	0.000000	.131448	0.000000	1.000000	.566634	0.000000
2	.012700	.231532	.587035	1.000000	.666113	.936912
3	.025400	.285990	.676844	1.000000	.706996	1.112904
4	.038100	.325062	.726903	1.000000	.734920	1.218590
5	.050800	.354452	.759609	1.000000	.755567	1.291183
6	.063500	.379175	.784703	1.000000	.772875	1.349027
7	.076200	.405626	.809079	1.000000	.791041	1.407186
8	.088900	.430175	.830345	1.000000	.808086	1.459649
9	.101600	.455070	.850164	1.000000	.825068	1.510109
10	.114300	.478237	.867455	1.000000	.840826	1.555468
11	.127000	.504861	.886109	1.000000	.858893	1.605896
12	.139700	.525088	.899434	1.000000	.872593	1.643105
13	.152400	.546872	.913481	1.000000	.887615	1.682957
14	.165100	.568828	.926651	1.000000	.902461	1.721437
15	.177800	.592167	.939976	1.000000	.918224	1.761375
16	.190500	.611876	.950727	1.000000	.931523	1.794377
17	.203200	.633486	.962028	1.000000	.946092	1.829850
18	.215900	.649910	.970297	1.000000	.957158	1.856339
19	.228600	.668928	.979546	1.000000	.969964	1.886529
20	.241300	.680684	.985098	1.000000	.977876	1.904945
21	.254000	.691921	.990292	1.000000	.985438	1.922378
22	.266700	.702467	.995069	1.000000	.992532	1.938590
23	.279400	.710420	.998610	1.000000	.997880	1.950725
24	.292100	.715952	1.001044	1.000000	1.001600	1.959120
25	.304800	.719064	1.002402	1.000000	1.003692	1.963826
26	.317500	.722003	1.003678	1.000000	1.005668	1.968261
27	.330200	.723559	1.004351	1.000000	1.006714	1.970604
28	.342900	.724942	1.004947	1.000000	1.007644	1.972685
29	.355600	.726671	1.005691	1.000000	1.008805	1.975282
30	.368300	.728227	1.006358	1.000000	1.009852	1.977617
31	.381000	.728227	1.006358	1.000000	1.009852	1.977617
32	.393700	.728400	1.006432	1.000000	1.009968	1.977876
33	.406400	.728745	1.006580	1.000000	1.010201	1.978395
34	.419100	.728745	1.006580	1.000000	1.010201	1.978395
35	.431800	.728745	1.006580	1.000000	1.010201	1.978395
36	.444500	.728745	1.006580	1.000000	1.010201	1.978395
37	.457200	.728745	1.006580	1.000000	1.010201	1.978395
38	.469900	.728745	1.006580	1.000000	1.010201	1.978395
39	.482600	.728745	1.006580	1.000000	1.010201	1.978395
40	.495300	.728745	1.006580	1.000000	1.010201	1.978395
41	.508000	.728745	1.006580	1.000000	1.010201	1.978395
42	.533400	.728745	1.006580	1.000000	1.010201	1.978395
43	.558800	.728745	1.006580	1.000000	1.010201	1.978395

ID NO. 11214-003

STATION X= 2.87 CM PT0= 10.167 N/SQ CM TT0=303.72K
R= 2.576 CM PWALL= 1.3395 N/SQ CM CF= .0025 PI = 0.745
UE= 513.2 M/SEC RHOE=.00840 KG/CUB M RE = 11.87E6 /M
DELTA= .290 CM DELTA*= .0703 CM THETA= .0210 CM

I	Y(CM)	PT/PT0	U/UE	TT/TT0	RHO/RHOE	M
1	0.000000	.131751	0.000000	1.000000	.568004	0.000000
2	.012700	.227383	.578093	1.000000	.663845	.918510
3	.025400	.286509	.677726	1.000000	.708607	1.112514
4	.038100	.321950	.723543	1.000000	.734004	1.208821
5	.050800	.348747	.753935	1.000000	.752876	1.275689
6	.063500	.374334	.780407	1.000000	.770803	1.336108
7	.076200	.401995	.806296	1.000000	.789823	1.397361
8	.088900	.423951	.825658	1.000000	.805105	1.444692
9	.101600	.449365	.846259	1.000000	.822459	1.496630
10	.114300	.471322	.862956	1.000000	.837408	1.539965
11	.127000	.495525	.880307	1.000000	.853848	1.586256
12	.139700	.517482	.895167	1.000000	.868732	1.627030
13	.152400	.539438	.909273	1.000000	.883592	1.666744
14	.165100	.560875	.922643	1.000000	.898379	1.705346
15	.177800	.584733	.936522	1.000000	.914501	1.746461
16	.190500	.609455	.950178	1.000000	.931189	1.788022
17	.203200	.625534	.958693	1.000000	.942033	1.814519
18	.215900	.643168	.967721	1.000000	.953919	1.843124
19	.228600	.661321	.976693	1.000000	.966147	1.872097
20	.241300	.676352	.983893	1.000000	.976274	1.895756
21	.254000	.687599	.989141	1.000000	.983837	1.913235
22	.266700	.697793	.993809	1.000000	.990700	1.928959
23	.279400	.706271	.997621	1.000000	.996399	1.941918
24	.292100	.712494	1.000384	1.000000	1.000585	1.951383
25	.304800	.716471	1.002133	1.000000	1.003259	1.957405
26	.317500	.720966	1.004095	1.000000	1.006281	1.964190
27	.330200	.722522	1.004771	1.000000	1.007327	1.966532
28	.342900	.724078	1.005444	1.000000	1.008374	1.968872
29	.355600	.725461	1.006042	1.000000	1.009303	1.970950
30	.368300	.726152	1.006340	1.000000	1.009768	1.971988
31	.381000	.726325	1.006414	1.000000	1.009885	1.972248
32	.393700	.726325	1.006414	1.000000	1.009885	1.972248
33	.406400	.727017	1.006712	1.000000	1.010350	1.973285
34	.419100	.726844	1.006537	1.000000	1.010233	1.973026
35	.431800	.727017	1.006712	1.000000	1.010350	1.973285
36	.444500	.727017	1.006712	1.000000	1.010350	1.973285
37	.457200	.727017	1.006712	1.000000	1.010350	1.973285
38	.469900	.727017	1.006712	1.000000	1.010350	1.973285
39	.482600	.727017	1.006712	1.000000	1.010350	1.973285
40	.495300	.727017	1.006712	1.000000	1.010350	1.973285
41	.508000	.727017	1.006712	1.000000	1.010350	1.973285
42	.533400	.727017	1.006712	1.000000	1.010350	1.973285
43	.558800	.727017	1.006712	1.000000	1.010350	1.973285

ID NO. 11214-004

STATION X= 3.12 CM PTO= 10.167 N/SQ CM TTO=303.72K
R= 2.576 CM PWALL= 1.3395 N/SQ CM CF= .0025 PI = 0.754
UE= 512.8 M/SEC RHOE=.10839 KG/CUB M RE = 11.84E6 /M
DELTA= .295 CM DELTA*= .0716 CM THETA= .0215 CM

I	Y(CM)	PT/PTO	J/JE	TT/TTO	RHO/RHOE	M
1	0.000000	.131751	0.000000	1.000000	.568728	0.000000
2	.012700	.225308	.574070	1.000000	.662952	.910152
3	.025400	.282705	.672789	1.000000	.706681	1.101283
4	.038100	.317628	.719013	1.000000	.731915	1.197776
5	.050800	.345808	.751414	1.000000	.751794	1.268636
6	.063500	.371741	.778512	1.000000	.769993	1.330200
7	.076200	.398019	.803385	1.000000	.788099	1.388744
8	.088900	.423433	.825914	1.000000	.805775	1.443610
9	.101600	.444697	.843298	1.000000	.820320	1.487240
10	.114300	.467345	.860734	1.000000	.835767	1.532216
11	.127000	.488264	.875949	1.000000	.850001	1.572523
12	.139700	.508664	.890040	1.000000	.863857	1.610789
13	.152400	.532868	.905886	1.000000	.880268	1.654967
14	.165100	.554306	.919463	1.000000	.895075	1.693840
15	.177800	.577126	.932956	1.000000	.910521	1.733463
16	.190500	.597354	.944373	1.000000	.924198	1.767805
17	.203200	.617063	.955042	1.000000	.937513	1.800609
18	.215900	.638154	.965996	1.000000	.951751	1.835038
19	.228600	.654233	.974043	1.000000	.962598	1.860839
20	.241300	.668582	.981017	1.000000	.972273	1.883557
21	.254000	.681548	.987156	1.000000	.981013	1.903844
22	.266700	.692953	.992436	1.000000	.988701	1.921514
23	.279400	.702986	.996985	1.000000	.995456	1.936904
24	.292100	.708345	.999383	1.000000	.999065	1.945078
25	.304800	.713359	1.001605	1.000000	1.002441	1.952694
26	.317500	.716644	1.003049	1.000000	1.004653	1.957666
27	.330200	.719237	1.004184	1.000000	1.006399	1.961583
28	.342900	.721657	1.005238	1.000000	1.008029	1.965231
29	.355600	.722694	1.005688	1.000000	1.008727	1.966793
30	.368300	.723732	1.006138	1.000000	1.009425	1.968353
31	.381000	.724250	1.006362	1.000000	1.009775	1.969132
32	.393700	.725115	1.006736	1.000000	1.010357	1.970431
33	.406400	.725115	1.006736	1.000000	1.010357	1.970431
34	.419100	.726325	1.007258	1.000000	1.011171	1.972248
35	.431800	.727708	1.007853	1.000000	1.012102	1.974322
36	.444500	.730128	1.008892	1.000000	1.013731	1.977946
37	.457200	.736871	1.011761	1.000000	1.018270	1.988006
38	.469900	.749319	1.015959	1.000000	1.026646	2.006442
39	.482600	.765915	1.023741	1.000000	1.037811	2.030756
40	.495300	.779227	1.029036	1.000000	1.046765	2.050044
41	.508000	.787526	1.032276	1.000000	1.052345	2.061975
42	.533400	.790984	1.033614	1.000000	1.054670	2.066925
43	.558800	.793577	1.034611	1.000000	1.056413	2.070630

ID NO. 11214-005

STATION X= 3.38 CM PT0= 10.167 N/SQ CM TT0=303.72K
R= 2.576 CM PWALL= 1.5393 N/SQ CM CF= .0024 PI = 1.095
UE= 477.3 M/SEC RHOE=.00904 KG/CUB M RE = 10.92E6 /M
DELTA= .253 CM DELTA*= .0658 CM THETA= .0218 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	0.000000	.156377	0.000000	1.000000	.626430	0.000000
2	.012700	.224444	.512430	1.000000	.694562	.737437
3	.025400	.271295	.624403	1.000000	.733222	.923247
4	.038100	.306390	.686521	1.000000	.760293	1.033663
5	.050800	.336645	.724226	1.000000	.779082	1.103827
6	.063500	.362751	.756330	1.000000	.796676	1.165701
7	.076200	.393178	.790041	1.000000	.816907	1.233022
8	.088900	.418073	.814729	1.000000	.832985	1.284006
9	.101600	.441586	.836803	1.000000	.848348	1.330900
10	.114300	.466308	.858147	1.000000	.864164	1.377509
11	.127000	.491549	.878553	1.000000	.880240	1.423323
12	.139700	.514370	.896277	1.000000	.895019	1.464176
13	.152400	.537536	.912995	1.000000	.909706	1.503674
14	.165100	.559319	.927934	1.000000	.923484	1.539808
15	.177800	.579374	.941074	1.000000	.936145	1.572281
16	.190500	.599428	.953671	1.000000	.948787	1.604049
17	.203200	.619655	.965854	1.000000	.961521	1.635424
18	.215900	.637981	.976497	1.000000	.973045	1.663307
19	.228600	.654751	.986186	1.000000	.983901	1.689155
20	.241300	.668582	.993724	1.000000	.992593	1.709567
21	.254000	.680857	1.000253	1.000000	1.000302	1.727469
22	.266700	.692786	1.006460	1.000000	1.007790	1.744683
23	.279400	.703504	1.011925	1.000000	1.014516	1.760000
24	.292100	.722522	1.021370	1.000000	1.026441	1.786838
25	.304800	.722522	1.021370	1.000000	1.026441	1.786838
26	.317500	.759519	1.038881	1.000000	1.049621	1.837880
27	.330200	.775251	1.046065	1.000000	1.059470	1.859144
28	.342900	.782166	1.049078	1.000000	1.063798	1.868411
29	.355600	.785797	1.050678	1.000000	1.066070	1.873257
30	.368300	.788735	1.051956	1.000000	1.067909	1.877171
31	.381000	.790984	1.052947	1.000000	1.069315	1.880158
32	.393700	.792712	1.053700	1.000000	1.070397	1.882453
33	.406400	.793923	1.054225	1.000000	1.071154	1.884057
34	.419100	.794960	1.054674	1.000000	1.071803	1.885431
35	.431800	.796343	1.055272	1.000000	1.072668	1.887262
36	.444500	.797380	1.055720	1.000000	1.073317	1.888634
37	.457200	.798936	1.056390	1.000000	1.074290	1.890689
38	.469900	.800319	1.056985	1.000000	1.075155	1.892514
39	.482600	.802221	1.057800	1.000000	1.076345	1.895021
40	.495300	.802913	1.058095	1.000000	1.076777	1.895932
41	.508000	.803604	1.058391	1.000000	1.077210	1.896842
42	.533400	.805505	1.059202	1.000000	1.078399	1.899343
43	.558800	.806716	1.059716	1.000000	1.079155	1.900933

ID NO. 11214-006

STATION X= 3.63 CM PT0= 10.167 N/SQ CM TT0=303.72K
R= 2.576 CM PWALL= 2.0909 N/SQ CM CF= .0011 PI = 3.703
UE= 457.5 M/SEC RHOE=.01135 KG/CUB M PI = 12.59E6 /M
DELTA= .250 CM DELTA*= .0956 CM THETA= .0283 CM

I	Y(CM)	PT/PT0	U/UE	TT/TT0	RHO/RHOE	M
1	0.000000	.205651	0.000000	1.000000	.656698	0.000000
2	.012700	.229630	.300529	1.000000	.677712	.399989
3	.025400	.243807	.371776	1.000000	.689411	.499068
4	.038100	.262305	.442259	1.000000	.703968	.599920
5	.050800	.285644	.510853	1.000000	.721323	.701457
6	.063500	.312960	.573824	1.000000	.740393	.798270
7	.076200	.341832	.627375	1.000000	.759297	.883838
8	.088900	.370703	.671782	1.000000	.777093	.957425
9	.101600	.396982	.708734	1.000000	.793537	1.020720
10	.114300	.426372	.737925	1.000000	.807687	1.072195
11	.127000	.458528	.771443	1.000000	.825316	1.133062
12	.139700	.488264	.799327	1.000000	.841213	1.185271
13	.152400	.526990	.832130	1.000000	.861488	1.248693
14	.165100	.561221	.858782	1.000000	.879335	1.301967
15	.177800	.599428	.885881	1.000000	.898870	1.357887
16	.190500	.638500	.911480	1.000000	.918734	1.412478
17	.203200	.680684	.937416	1.000000	.940392	1.469693
18	.215900	.718891	.958982	1.000000	.959587	1.518850
19	.228600	.751566	.976346	1.000000	.976145	1.559556
20	.241300	.782858	.992135	1.000000	.991875	1.597493
21	.254000	.806370	1.003499	1.000000	1.003678	1.625376
22	.266700	.822448	1.011038	1.000000	1.011741	1.644153
23	.279400	.831265	1.015097	1.000000	1.016160	1.654354
24	.292100	.835415	1.016988	1.000000	1.018240	1.659132
25	.304800	.835933	1.017224	1.000000	1.018499	1.659728
26	.317500	.831611	1.015255	1.000000	1.016334	1.654753
27	.330200	.828154	1.013671	1.000000	1.014501	1.650761
28	.342900	.822621	1.011119	1.000000	1.011828	1.644354
29	.355600	.818299	1.009110	1.000000	1.009661	1.639329
30	.368300	.813458	1.006845	1.000000	1.007233	1.633682
31	.381000	.810865	1.005625	1.000000	1.005933	1.630649
32	.393700	.809655	1.005054	1.000000	1.005326	1.629231
33	.406400	.809136	1.004809	1.000000	1.005065	1.628623
34	.419100	.808272	1.004400	1.000000	1.004632	1.627609
35	.431800	.808445	1.004482	1.000000	1.004719	1.627812
36	.444500	.808963	1.004727	1.000000	1.004979	1.628420
37	.457200	.808963	1.004727	1.000000	1.004979	1.628420
38	.469900	.810519	1.005462	1.000000	1.005759	1.630244
39	.482600	.811038	1.005706	1.000000	1.006019	1.630851
40	.495300	.811557	1.005951	1.000000	1.006279	1.631458
41	.508000	.812075	1.006195	1.000000	1.006540	1.632065
42	.533400	.813977	1.007089	1.000000	1.007493	1.634288
43	.558800	.816225	1.008141	1.000000	1.008620	1.636912

ID NO. 11214-007

STATION X= 3.89 CM PTO= 10.167 N/SQ CM TTO=303.72K
R= 2.576 CM PWALL= 2.3055 N/SQ CM CF= .0009 PI = 4.571
UE= 435.4 M/SEC RHOE=.01192 KG/CUB M RE = 12.10E6 /m
DELTA= .252 CM DELTA*= .0999 CM THETA= .0300 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	0.000000	.226778	0.000000	1.000000	.689086	0.000000
2	.012700	.246573	.275662	1.000000	.705761	.347835
3	.025400	.257637	.339306	1.000000	.714668	.430835
4	.038100	.271468	.401394	1.000000	.725425	.513494
5	.050800	.285126	.451294	1.000000	.735671	.581393
6	.063500	.305699	.512877	1.000000	.750462	.667338
7	.076200	.327482	.565177	1.000000	.765367	.743970
8	.088900	.352378	.616885	1.000000	.781558	.819130
9	.101600	.381941	.667139	1.000000	.799756	.896114
10	.114300	.411504	.709563	1.000000	.816974	.963305
11	.127000	.444179	.752389	1.000000	.836275	1.033440
12	.139700	.476335	.781966	1.000000	.850344	1.083380
13	.152400	.508837	.813516	1.000000	.867610	1.138142
14	.165100	.542204	.843098	1.000000	.884580	1.191009
15	.177800	.580411	.873873	1.000000	.903637	1.247710
16	.190500	.614124	.898661	1.000000	.920121	1.294753
17	.203200	.653887	.926246	1.000000	.939761	1.348663
18	.215900	.688809	.948492	1.000000	.956678	1.393429
19	.228600	.726325	.971274	1.000000	.975087	1.440561
20	.241300	.756580	.988355	1.000000	.989660	1.476808
21	.254000	.781821	1.001981	1.000000	1.001792	1.506317
22	.266700	.812248	1.017712	1.000000	1.016389	1.541073
23	.279400	.834896	1.028962	1.000000	1.027236	1.566401
24	.292100	.850974	1.036726	1.000000	1.034929	1.584118
25	.304800	.864632	1.043131	1.000000	1.041458	1.599002
26	.317500	.875005	1.048002	1.000000	1.046415	1.610209
27	.330200	.882958	1.051650	1.000000	1.050213	1.618744
28	.342900	.890219	1.054946	1.000000	1.053680	1.626496
29	.355600	.894195	1.056737	1.000000	1.055578	1.630724
30	.368300	.901629	1.060060	1.000000	1.059125	1.638598
31	.381000	.904568	1.061364	1.000000	1.060528	1.641700
32	.393700	.908890	1.063273	1.000000	1.062590	1.646250
33	.406400	.913731	1.065397	1.000000	1.064899	1.651331
34	.419100	.913904	1.065473	1.000000	1.064982	1.651512
35	.431800	.916151	1.066454	1.000000	1.066053	1.653865
36	.444500	.914250	1.065624	1.000000	1.065146	1.651874
37	.457200	.911138	1.064261	1.000000	1.063662	1.648611
38	.469900	.903185	1.060751	1.000000	1.059868	1.640241
39	.482600	.890219	1.054946	1.000000	1.053680	1.626496
40	.495300	.872066	1.046643	1.000000	1.045011	1.607042
41	.508000	.860310	1.041152	1.000000	1.039392	1.594308
42	.533400	.838008	1.030479	1.000000	1.028726	1.569847
43	.558800	.829710	1.025419	1.000000	1.024753	1.560640

STATION X= 4.14 CM PTO= 10.167 N/SQ CM TTO=303.72K
R= 2.576 CM PWALL= 2.4359 N/SQ CM CF= .0008 PI = 4.813
UE= 437.3 M/SEC RHOE=.01265 KG/CUB M RE = 12.92E6/ M
DELTA= .275 CM DELTA*= .1095 CM THETA= .0326 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	0.000000	.239597	0.000000	1.000000	.686380	0.000000
2	.012700	.262305	.285368	1.000000	.704369	.362001
3	.025400	.271814	.335986	1.000000	.711572	.428385
4	.038100	.282360	.382302	1.000000	.719353	.490097
5	.050800	.293943	.425327	1.000000	.727564	.548394
6	.063500	.312036	.481622	1.000000	.740230	.626316
7	.076200	.329730	.527283	1.000000	.751946	.691101
8	.088900	.350303	.572648	1.000000	.765062	.757078
9	.101600	.377100	.622529	1.000000	.781346	.831737
10	.114300	.405453	.667055	1.000000	.797698	.900504
11	.127000	.435535	.707457	1.000000	.814178	.964860
12	.139700	.468728	.748667	1.000000	.832768	1.032655
13	.152400	.506244	.781634	1.000000	.849067	1.088627
14	.165100	.538228	.810525	1.000000	.864494	1.139075
15	.177800	.572804	.839415	1.000000	.881084	1.190941
16	.190500	.611703	.869004	1.000000	.899387	1.245660
17	.203200	.647663	.893990	1.000000	.915968	1.293234
18	.215900	.690355	.921942	1.000000	.935849	1.348066
19	.228600	.721139	.940528	1.000000	.949909	1.385534
20	.241300	.758309	.961724	1.000000	.966829	1.429321
21	.254000	.787693	.977982	1.000000	.980489	1.463716
22	.266700	.813631	.991416	1.000000	.992250	1.492695
23	.279400	.838354	1.003747	1.000000	1.003443	1.519761
24	.292100	.854259	1.011449	1.000000	1.010634	1.536900
25	.304800	.867744	1.017843	1.000000	1.016726	1.551270
26	.317500	.877771	1.022520	1.000000	1.021253	1.561863
27	.330200	.885897	1.026262	1.000000	1.024920	1.570391
28	.342900	.891083	1.028629	1.000000	1.027260	1.575808
29	.355600	.894022	1.029963	1.000000	1.028585	1.578869
30	.368300	.896270	1.030979	1.000000	1.029599	1.581206
31	.381000	.897553	1.031603	1.000000	1.030223	1.582642
32	.393700	.898517	1.031992	1.000000	1.030612	1.583539
33	.406400	.899727	1.032536	1.000000	1.031158	1.584793
34	.419100	.900246	1.032769	1.000000	1.031392	1.585330
35	.431800	.900246	1.032769	1.000000	1.031392	1.585330
36	.444500	.900765	1.033002	1.000000	1.031626	1.585868
37	.457200	.900765	1.033002	1.000000	1.031626	1.585868
38	.469900	.900765	1.033002	1.000000	1.031626	1.585868
39	.482600	.901975	1.033545	1.000000	1.032171	1.587120
40	.495300	.902839	1.033932	1.000000	1.032561	1.588014
41	.508000	.903185	1.034087	1.000000	1.032717	1.588372
42	.533400	.904914	1.034859	1.000000	1.033496	1.590158
43	.558800	.909582	1.036935	1.000000	1.035600	1.594969

ID NO. 11214-009

STATION X= 4.39 CM PTO= 10.167 N/SQ CM TTO=303.72K
R= 2.576 CM PWALL= 2.5299 N/SQ CM CF= .0009 PI = 4.376
UE= 439.2 M/SEC RHOE=.01319 KG/CUB M RE = 13.579E6 /M
DELTA= .292 CM DELTA*= .1123 CM THETA= .0342 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	0.000000	.248840	0.000000	1.000000	.683701	0.000000
2	.012700	.278210	.314945	1.000000	.705846	.402430
3	.025400	.290139	.368382	1.000000	.714364	.473542
4	.038100	.300858	.408541	1.000000	.721806	.527895
5	.050800	.311577	.443520	1.000000	.729062	.575965
6	.063500	.325926	.484361	1.000000	.738502	.633062
7	.076200	.344079	.528756	1.000000	.750027	.696458
8	.088900	.362751	.568128	1.000000	.761437	.753987
9	.101600	.385398	.609481	1.000000	.774727	.815898
10	.114300	.412714	.652323	1.000000	.790034	.881833
11	.127000	.440548	.689979	1.000000	.804904	.941476
12	.139700	.476162	.733999	1.000000	.824141	1.013439
13	.152400	.512468	.765611	1.000000	.839310	1.066769
14	.165100	.542550	.793211	1.000000	.853576	1.114576
15	.177800	.580238	.824274	1.000000	.870848	1.169887
16	.190500	.621730	.855813	1.000000	.889845	1.227828
17	.203200	.662012	.883290	1.000000	.907700	1.279899
18	.215900	.698837	.907054	1.000000	.924213	1.326235
19	.228600	.731512	.926556	1.000000	.938563	1.365226
20	.241300	.770410	.948424	1.000000	.955575	1.410055
21	.254000	.802913	.966056	1.000000	.970051	1.447108
22	.266700	.827115	.978375	1.000000	.980592	1.473502
23	.279400	.852530	.990847	1.000000	.991640	1.500668
24	.292100	.871720	.999968	1.000000	.999970	1.520831
25	.304800	.886243	1.006710	1.000000	1.006268	1.535898
26	.317500	.894887	1.010659	1.000000	1.010014	1.544791
27	.330200	.903353	1.014435	1.000000	1.013684	1.553452
28	.342900	.907853	1.016497	1.000000	1.015630	1.558027
29	.355600	.912002	1.018343	1.000000	1.017427	1.562237
30	.368300	.913039	1.018804	1.000000	1.017876	1.563288
31	.381000	.914250	1.019339	1.000000	1.018399	1.564513
32	.393700	.914423	1.019416	1.000000	1.018474	1.564688
33	.406400	.915114	1.019722	1.000000	1.018774	1.565387
34	.419100	.915114	1.019722	1.000000	1.018774	1.565387
35	.431800	.915114	1.019722	1.000000	1.018774	1.565387
36	.444500	.915114	1.019722	1.000000	1.018774	1.565387
37	.457200	.915114	1.019722	1.000000	1.018774	1.565387
38	.469900	.915114	1.019722	1.000000	1.018774	1.565387
39	.482600	.915114	1.019722	1.000000	1.018774	1.565387
40	.495300	.915114	1.019722	1.000000	1.018774	1.565387
41	.508000	.915114	1.019722	1.000000	1.018774	1.565387
42	.533400	.915114	1.019722	1.000000	1.018774	1.565387
43	.558800	.915114	1.019722	1.000000	1.018774	1.565387

STATION X= 4.65 CM PTO= 10.167 N/SQ CM TTO=303.72K
R= 2.576 CM PWALL= 2.5743 N/SQ CM CF= .0011 PI = 3.753
UE= 439.4 M/SEC RHOE=.01343 KG/CUB M RE = 13.84E6/ M
DELTA= .300 CM DELTA*= .1095 CM THETA= .0345 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	0.000000	.253259	0.000000	1.000000	.683412	0.000000
2	.012700	.292906	.358559	1.000000	.712408	.460592
3	.025400	.307082	.411350	1.000000	.722094	.531985
4	.038100	.316418	.441225	1.000000	.728299	.573068
5	.050800	.329557	.478471	1.000000	.736815	.625067
6	.063500	.340967	.507236	1.000000	.744015	.665874
7	.076200	.359466	.548412	1.000000	.755331	.725383
8	.088900	.379693	.587450	1.000000	.767238	.783132
9	.101600	.400612	.622811	1.000000	.779085	.836642
10	.114300	.427928	.663040	1.000000	.793907	.899116
11	.127000	.458355	.701759	1.000000	.809642	.961005
12	.139700	.489647	.739225	1.000000	.826375	1.022719
13	.152400	.524916	.768322	1.000000	.840489	1.072015
14	.165100	.558628	.798052	1.000000	.856010	1.123730
15	.177800	.596835	.828626	1.000000	.873232	1.178460
16	.190500	.632276	.855077	1.000000	.889252	1.227182
17	.203200	.677393	.885216	1.000000	.908890	1.284389
18	.215900	.713705	.908119	1.000000	.924884	1.329161
19	.228600	.749146	.928770	1.000000	.940164	1.370570
20	.241300	.780956	.946309	1.000000	.953826	1.406563
21	.254000	.809828	.961857	1.000000	.966496	1.439136
22	.266700	.840083	.977082	1.000000	.979441	1.471674
23	.279400	.860829	.987141	1.000000	.988302	1.493535
24	.292100	.879846	.996107	1.000000	.996413	1.513272
25	.304800	.892121	1.001769	1.000000	1.001644	1.525864
26	.317500	.896788	1.003898	1.000000	1.003632	1.530623
27	.330200	.903877	1.007105	1.000000	1.006550	1.537818
28	.342900	.910273	1.009972	1.000000	1.009372	1.544281
29	.355600	.911484	1.010512	1.000000	1.009887	1.545501
30	.368300	.913385	1.011358	1.000000	1.010596	1.547415
31	.381000	.914941	1.012049	1.000000	1.011358	1.548979
32	.393700	.916324	1.012662	1.000000	1.011947	1.550368
33	.406400	.917534	1.013198	1.000000	1.012462	1.551582
34	.419100	.917707	1.013274	1.000000	1.012535	1.551755
35	.431800	.917707	1.013274	1.000000	1.012535	1.551755
36	.444500	.917016	1.012968	1.000000	1.012241	1.551062
37	.457200	.917016	1.012968	1.000000	1.012241	1.551062
38	.469900	.916843	1.012892	1.000000	1.012167	1.550888
39	.482600	.915806	1.012432	1.000000	1.011726	1.549847
40	.495300	.914250	1.011742	1.000000	1.011064	1.548284
41	.508000	.913558	1.011435	1.000000	1.010770	1.547589
42	.533400	.909755	1.009740	1.000000	1.009151	1.543758
43	.558800	.906816	1.008425	1.000000	1.007901	1.540791

ID NO. 11214-011

STATION X= 4.90 CM PTO= 10.167 N/SQ CM TTO=303.72K
R= 2.576 CM PWALL= 2.5354 N/SQ CM CF= .0013 PI = 2.842
UE= 440.3 M/SEC RHOE=.01325 KG/CUB M RE = 13.71E6/ M
DELTA= .300 CM DELTA*= .1001 CM THETA= .0333 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	0.000000	.249380	0.000000	1.000000	.682126	0.000000
2	.012700	.307082	.426177	1.000000	.723921	.553497
3	.025400	.324370	.477130	1.000000	.735339	.624541
4	.038100	.335435	.505456	1.000000	.742419	.664797
5	.050800	.347537	.533487	1.000000	.749976	.705225
6	.063500	.363442	.566532	1.000000	.759626	.753711
7	.076200	.380039	.597303	1.000000	.769380	.799734
8	.088900	.402168	.633648	1.000000	.781922	.855283
9	.101600	.424470	.665961	1.000000	.794073	.905857
10	.114300	.449884	.698592	1.000000	.807376	.958168
11	.127000	.478928	.734294	1.000000	.823221	1.016970
12	.139700	.510912	.761244	1.000000	.836149	1.062542
13	.152400	.546180	.793261	1.000000	.852686	1.118127
14	.165100	.581448	.822192	1.000000	.868820	1.169819
15	.177800	.619656	.850847	1.000000	.886018	1.222512
16	.190500	.660111	.878913	1.000000	.904142	1.275689
17	.203200	.693996	.900898	1.000000	.919297	1.318512
18	.215900	.733932	.924739	1.000000	.936764	1.366202
19	.228600	.764878	.942143	1.000000	.950242	1.401892
20	.241300	.794268	.958260	1.000000	.963307	1.435642
21	.254000	.819855	.971413	1.000000	.974409	1.463710
22	.266700	.839737	.981293	1.000000	.983021	1.485117
23	.279400	.856852	.989573	1.000000	.990425	1.503277
24	.292100	.873958	.997654	1.000000	.997821	1.521202
25	.304800	.881575	1.001184	1.000000	1.001106	1.529095
26	.317500	.889700	1.004914	1.000000	1.004613	1.537478
27	.330200	.895751	1.007665	1.000000	1.007223	1.543688
28	.342900	.896788	1.008135	1.000000	1.007671	1.544750
29	.355600	.899209	1.009227	1.000000	1.008715	1.547225
30	.368300	.899900	1.009539	1.000000	1.009013	1.547932
31	.381000	.899900	1.009539	1.000000	1.009013	1.547932
32	.393700	.899209	1.009227	1.000000	1.008715	1.547225
33	.406400	.898517	1.008915	1.000000	1.008416	1.546519
34	.419100	.897480	1.008447	1.000000	1.007969	1.545458
35	.431800	.895405	1.007509	1.000000	1.007074	1.543334
36	.444500	.892812	1.006332	1.000000	1.005955	1.540675
37	.457200	.891602	1.005781	1.000000	1.005433	1.539433
38	.469900	.890565	1.005309	1.000000	1.004986	1.538367
39	.482600	.888836	1.004520	1.000000	1.004240	1.536588
40	.495300	.886415	1.003412	1.000000	1.003195	1.534095
41	.508000	.884514	1.002538	1.000000	1.002374	1.532133
42	.533400	.880364	1.000625	1.000000	1.000583	1.527842
43	.558800	.876907	.999023	1.000000	.999090	1.524257

STATION X= 5.41 CM PTO= 10.167 N/SQ CM TTO=303.72K
R= 2.576 CM PWALL= 2.1389 N/SQ CM CF= .0021 PI = 1.323
UE= 459.5 M/SEC RHOE=.01166 KG/CUB M RE = 13.05E6/ M
DELTA= .316 CM DELTA*= .0823 CM THETA= .0287 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	0.000000	.210384	0.000000	1.000000	.653690	0.000000
2	.012700	.315035	.560899	1.000000	.733619	.781901
3	.025400	.351859	.628176	1.000000	.757161	.889625
4	.038100	.365862	.649807	1.000000	.765651	.925404
5	.050800	.380212	.670223	1.000000	.774113	.959739
6	.063500	.395080	.689755	1.000000	.782644	.993152
7	.076200	.413233	.713961	1.000000	.793822	1.035303
8	.088900	.434843	.733531	1.000000	.803393	1.070074
9	.101600	.455762	.754852	1.000000	.814398	1.108708
10	.114300	.481003	.779312	1.000000	.827795	1.153995
11	.127000	.509010	.803896	1.000000	.842170	1.200691
12	.139700	.536325	.826352	1.000000	.856154	1.244435
13	.152400	.570211	.851849	1.000000	.873099	1.295465
14	.165100	.599947	.873125	1.000000	.888176	1.339236
15	.177800	.631412	.893887	1.000000	.903778	1.383073
16	.190500	.663741	.913941	1.000000	.919743	1.426536
17	.203200	.688291	.928746	1.000000	.932133	1.459377
18	.215900	.712667	.942493	1.000000	.944127	1.490476
19	.228600	.739637	.957052	1.000000	.957376	1.524076
20	.241300	.759000	.967111	1.000000	.966661	1.547712
21	.254000	.775770	.975574	1.000000	.975073	1.567871
22	.266700	.793577	.984320	1.000000	.983783	1.588976
23	.279400	.804641	.989534	1.000000	.989192	1.601940
24	.292100	.814150	.994130	1.000000	.993837	1.612992
25	.304800	.821238	.997440	1.000000	.997298	1.621179
26	.317500	.827116	1.000159	1.000000	1.000168	1.627934
27	.330200	.829710	1.001350	1.000000	1.001434	1.630905
28	.342900	.833686	1.003169	1.000000	1.003374	1.635449
29	.355600	.835242	1.003878	1.000000	1.004134	1.637224
30	.368300	.835242	1.003878	1.000000	1.004134	1.637224
31	.381000	.834550	1.003563	1.000000	1.003796	1.636435
32	.393700	.834377	1.003484	1.000000	1.003712	1.636238
33	.406400	.832934	1.002854	1.000000	1.003037	1.634660
34	.419100	.831611	1.002222	1.000000	1.002362	1.633080
35	.431800	.829191	1.001112	1.000000	1.001181	1.630311
36	.444500	.827115	1.000159	1.000000	1.000168	1.627934
37	.457200	.825906	.999601	1.000000	.999577	1.626546
38	.469900	.824177	.998802	1.000000	.998733	1.624560
39	.482600	.822276	.997922	1.000000	.997805	1.622373
40	.495300	.819855	.996797	1.000000	.996623	1.619585
41	.508000	.818472	.996153	1.000000	.995948	1.617989
42	.533400	.814669	.994373	1.000000	.994090	1.613593
43	.558800	.811038	.992665	1.000000	.992317	1.609384

ID NO. 11214-013

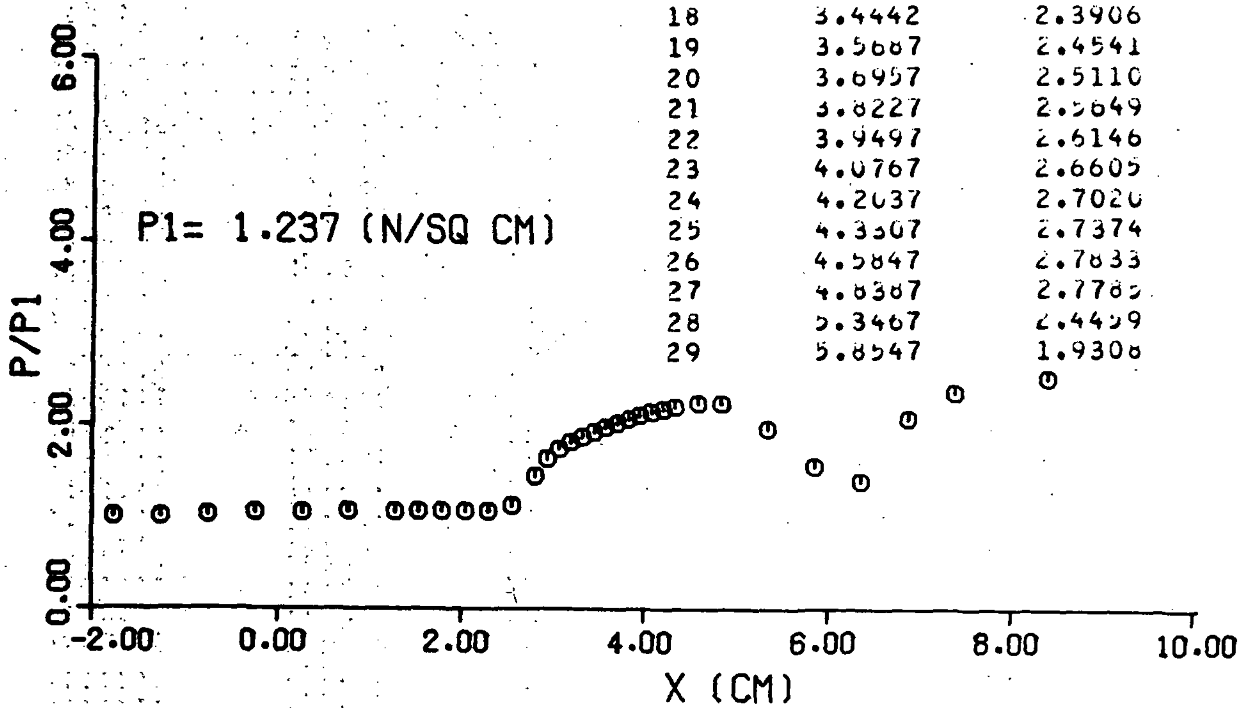
STATION X= 5.92 CM PTO= 10.167 N/SQ CM TTO=303.72K
R= 2.576 CM PWALL= 1.7061 N/SQ CM CF= .0025 PI = 0.672
UE= 467.6 M/SEC RHOE=.00997 KG/CUB M RE = 12.56E6 /M
DELTA= .373 CM DELTA*= .0795 CM THETA= .0267 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	0.000000	.167812	0.000000	1.000000	.610048	0.000000
2	.012700	.291868	.612434	1.000000	.714561	.925524
3	.025400	.359120	.706460	1.000000	.757466	1.099201
4	.038100	.383497	.734225	1.000000	.772426	1.153628
5	.050800	.397327	.748901	1.000000	.780817	1.183063
6	.063500	.408392	.759914	1.000000	.787347	1.205469
7	.076200	.422395	.773705	1.000000	.795818	1.233930
8	.088900	.440202	.789995	1.000000	.806266	1.268154
9	.101600	.457145	.804744	1.000000	.816159	1.299731
10	.114300	.475817	.820613	1.000000	.827291	1.334369
11	.127000	.496390	.836853	1.000000	.839237	1.370565
12	.139700	.516271	.851781	1.000000	.850742	1.404543
13	.152400	.538573	.868044	1.000000	.863882	1.442373
14	.165100	.559665	.882398	1.000000	.876036	1.476502
15	.177800	.581794	.896767	1.000000	.888759	1.511402
16	.190500	.604788	.911009	1.000000	.901952	1.546759
17	.203200	.623459	.922097	1.000000	.912647	1.574840
18	.215900	.647317	.935690	1.000000	.926293	1.609958
19	.228600	.666680	.946279	1.000000	.937353	1.637868
20	.241300	.682240	.954518	1.000000	.946232	1.659935
21	.254000	.701603	.964730	1.000000	.957584	1.687730
22	.266700	.718545	.973152	1.000000	.967246	1.711029
23	.279400	.730647	.979018	1.000000	.974144	1.727470
24	.292100	.742576	.984683	1.000000	.980939	1.743516
25	.304800	.748973	.987675	1.000000	.984582	1.752057
26	.317500	.757790	.991747	1.000000	.989602	1.763759
27	.330200	.764532	.994821	1.000000	.993439	1.772653
28	.342900	.771102	.997783	1.000000	.997177	1.781275
29	.355600	.773177	.998713	1.000000	.998356	1.783988
30	.368300	.775078	.999561	1.000000	.999440	1.786472
31	.381000	.777326	1.000561	1.000000	1.000718	1.789402
32	.393700	.777499	1.000638	1.000000	1.000817	1.789627
33	.406400	.777844	1.000792	1.000000	1.001013	1.790078
34	.419100	.777844	1.000792	1.000000	1.001013	1.790078
35	.431800	.777844	1.000792	1.000000	1.001013	1.790078
36	.444500	.777844	1.000792	1.000000	1.001013	1.790078
37	.457200	.776634	1.000254	1.000000	1.000325	1.788501
38	.469900	.775597	.999792	1.000000	.999735	1.787148
39	.482600	.774905	.999484	1.000000	.999341	1.786246
40	.495300	.773004	.998635	1.000000	.998259	1.783762
41	.508000	.771448	.997939	1.000000	.997374	1.781727
42	.533400	.769200	.996929	1.000000	.996095	1.778783
43	.558800	.766261	.995603	1.000000	.994423	1.774926

ID NO. 11215-001

PTO= 10.1067 N/SQ CM
TTO= 304.0556 K
PBAR= 762.0000 MMHG
TMAN= 299.1111 K

I	X(CM)	P(N/SQ CM)
1	-1.7628	1.2370
2	-1.2548	1.2367
3	-.7468	1.2637
4	-.2388	1.2960
5	.2692	1.2912
6	.7772	1.3145
7	1.2852	1.3073
8	1.5392	1.3128
9	1.7932	1.3155
10	2.0472	1.3155
11	2.3012	1.3179
12	2.5552	1.3896
13	2.8092	1.7929
14	2.9362	2.0213
15	3.0632	2.1578
16	3.1902	2.2535
17	3.3172	2.3217
18	3.4442	2.3906
19	3.5687	2.4541
20	3.6957	2.5110
21	3.8227	2.5649
22	3.9497	2.6146
23	4.0767	2.6605
24	4.2037	2.7020
25	4.3307	2.7374
26	4.5847	2.7833
27	4.8387	2.7785
28	5.3467	2.4459
29	5.8547	1.9308



ID NO. 11215 -001

ID NO. 11215-002

STATION X= 2.67 CM PTO= 10.107 N/SQ CM TTO=303.56K
R= 2.576 CM PWALL= 1.4132 N/SQ CM CF= .0025 PI = 0.861
UE= 501.3 M/SEC RHOE=.00858 KG/CUB M RE = 11.48E6 /M
DELTA= .271 CM DELTA*= .0680 CM THETA= .0210 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	0.000000	.139829	0.000000	1.000000	.587637	0.000000
2	.012700	.224714	.554437	1.000000	.672939	.851943
3	.025400	.279669	.661589	1.000000	.717060	1.049389
4	.038100	.315147	.708149	1.000000	.740834	1.141708
5	.050800	.347842	.747472	1.000000	.763555	1.223448
6	.063500	.373058	.774673	1.000000	.780878	1.282272
7	.076200	.402449	.803602	1.000000	.800916	1.347115
8	.088900	.426101	.824799	1.000000	.816762	1.396260
9	.101600	.449752	.844929	1.000000	.832805	1.444316
10	.114300	.474099	.864046	1.000000	.849015	1.491300
11	.127000	.498099	.881756	1.000000	.864947	1.536079
12	.139700	.519316	.896568	1.000000	.879001	1.574521
13	.152400	.545402	.913799	1.000000	.896245	1.620445
14	.165100	.568532	.928253	1.000000	.911509	1.660035
15	.177800	.591836	.942372	1.000000	.927172	1.699702
16	.190500	.609922	.952665	1.000000	.939090	1.729276
17	.203200	.629748	.963521	1.000000	.952143	1.761095
18	.215900	.648356	.973330	1.000000	.964384	1.790423
19	.228600	.664704	.981660	1.000000	.975131	1.815780
20	.241300	.677225	.987869	1.000000	.983359	1.834956
21	.254000	.690442	.994265	1.000000	.992040	1.854974
22	.266700	.700181	.998882	1.000000	.998435	1.869582
23	.279400	.706963	1.002049	1.000000	1.002887	1.879686
24	.292100	.714442	1.005496	1.000000	1.007795	1.890761
25	.304800	.717398	1.006846	1.000000	1.009735	1.895122
26	.317500	.722615	1.009211	1.000000	1.013158	1.902791
27	.330200	.726267	1.010854	1.000000	1.015554	1.908141
28	.342900	.726615	1.011010	1.000000	1.015782	1.908649
29	.355600	.727485	1.011399	1.000000	1.016353	1.909920
30	.368300	.728354	1.011788	1.000000	1.016923	1.911190
31	.381000	.728702	1.011943	1.000000	1.017151	1.911698
32	.393700	.729224	1.012176	1.000000	1.017494	1.912460
33	.406400	.729919	1.012486	1.000000	1.017950	1.913475
34	.419100	.729919	1.012486	1.000000	1.017950	1.913475
35	.431800	.729919	1.012486	1.000000	1.017950	1.913475
36	.444500	.729919	1.012486	1.000000	1.017950	1.913475
37	.457200	.729919	1.012486	1.000000	1.017950	1.913475
38	.469900	.729919	1.012486	1.000000	1.017950	1.913475
39	.482600	.729919	1.012486	1.000000	1.017950	1.913475
40	.495300	.729919	1.012486	1.000000	1.017950	1.913475
41	.508000	.729919	1.012486	1.000000	1.017950	1.913475

ID NO. 11215-003

STATION X= 2.32 CM PTO= 10.107 N/SQ CM TTO=303.56K
R= 2.576 CM PWALL= 1.8333 N/SQ CM CF= .0021 PI = 1.729
UE= 438.5 M/SEC RHOE=.00955 KG/CUB M RE = 9.80E6 /M
DELTA= .199 CM DELTA*= .0599 CM THETA= .0206 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	0.000000	.181395	0.000000	1.000000	.684458	0.000000
2	.012700	.228888	.451362	1.000000	.731481	.586093
3	.025400	.257583	.549662	1.000000	.756587	.725880
4	.038100	.291495	.633777	1.000000	.783801	.851881
5	.050800	.322103	.692465	1.000000	.806483	.944138
6	.063500	.356537	.748711	1.000000	.831544	1.036565
7	.076200	.384015	.780108	1.000000	.847132	1.090109
8	.088900	.409927	.810740	1.000000	.863567	1.143852
9	.101600	.438796	.842099	1.000000	.881761	1.200545
10	.114300	.465404	.858522	1.000000	.898266	1.249750
11	.127000	.496012	.896643	1.000000	.917118	1.303682
12	.139700	.520135	.917099	1.000000	.931733	1.344008
13	.152400	.546272	.937898	1.000000	.947435	1.386023
14	.165100	.572010	.957262	1.000000	.962869	1.426115
15	.177800	.594618	.973789	1.000000	.976705	1.461122
16	.190500	.618270	.989916	1.000000	.990834	1.496024
17	.203200	.640356	1.004312	1.000000	1.004000	1.527830
18	.215900	.656182	1.014260	1.000000	1.013419	1.550186
19	.228600	.672877	1.024443	1.000000	1.023345	1.573399
20	.241300	.684877	1.031574	1.000000	1.030472	1.589858
21	.254000	.696007	1.038053	1.000000	1.037079	1.604963
22	.266700	.706268	1.043914	1.000000	1.043165	1.618755
23	.279400	.710963	1.046562	1.000000	1.045949	1.625025
24	.292100	.717746	1.050349	1.000000	1.049969	1.634036
25	.304800	.723485	1.053519	1.000000	1.053370	1.641620
26	.317500	.725398	1.054569	1.000000	1.054503	1.644140
27	.330200	.726267	1.055045	1.000000	1.055018	1.645284
28	.342900	.728180	1.056090	1.000000	1.056152	1.647798
29	.355600	.729572	1.056848	1.000000	1.056976	1.649623
30	.368300	.729572	1.056848	1.000000	1.056976	1.649623
31	.381000	.729919	1.057037	1.000000	1.057182	1.650079
32	.393700	.729919	1.057037	1.000000	1.057182	1.650079
33	.406400	.729919	1.057037	1.000000	1.057182	1.650079
34	.419100	.729919	1.057037	1.000000	1.057182	1.650079
35	.431800	.729919	1.057037	1.000000	1.057182	1.650079
36	.444500	.729919	1.057037	1.000000	1.057182	1.650079
37	.457200	.729919	1.057037	1.000000	1.057182	1.650079
38	.469900	.729919	1.057037	1.000000	1.057182	1.650079
39	.482600	.729919	1.057037	1.000000	1.057182	1.650079
40	.495300	.729919	1.057037	1.000000	1.057182	1.650079
41	.508000	.729919	1.057037	1.000000	1.057182	1.650079

ID NO. 11215-004

STATION X= 3.07 CM PTO= 10.107 N/SQ CM TTO=303.56K
R= 2.576 CM PWALL= 2.1708 N/SQ CM CF= .0010 PI = 4.457
UE= 426.0 M/SEC RHOE=.01102 KG/CUB M RE = 10.76E6 /M
DELTA= .235 CM DELTA*= .0927 CM THETA= .0284 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	0.000000	.214784	0.000000	1.000000	.702230	0.000000
2	.012700	.230801	.261354	1.000000	.716810	.322194
3	.025400	.242273	.337065	1.000000	.726819	.418420
4	.038100	.255148	.401547	1.000000	.737647	.502164
5	.050800	.272887	.471221	1.000000	.751949	.594983
6	.063500	.295843	.541846	1.000000	.769504	.692097
7	.076200	.318799	.598616	1.000000	.786111	.772815
8	.088900	.347494	.655744	1.000000	.805709	.858362
9	.101600	.372189	.698690	1.000000	.821669	.922185
10	.114300	.402101	.742202	1.000000	.840019	.990494
11	.127000	.427492	.775887	1.000000	.856086	1.046651
12	.139700	.456882	.805225	1.000000	.870250	1.093767
13	.152400	.488012	.837081	1.000000	.887381	1.148175
14	.165100	.521223	.868329	1.000000	.905539	1.203159
15	.177800	.552358	.895120	1.000000	.922270	1.251686
16	.190500	.584879	.920752	1.000000	.939369	1.299410
17	.203200	.620531	.947339	1.000000	.958328	1.350354
18	.215900	.650095	.967677	1.000000	.973739	1.390391
19	.228600	.685051	.990690	1.000000	.992202	1.436889
20	.241300	.714615	1.008773	1.000000	1.007529	1.474374
21	.254000	.739311	1.023194	1.000000	1.020302	1.504900
22	.266700	.762614	1.036274	1.000000	1.032334	1.533099
23	.279400	.776701	1.043948	1.000000	1.039598	1.549875
24	.292100	.788005	1.049984	1.000000	1.045423	1.563197
25	.304800	.796353	1.054374	1.000000	1.049721	1.572957
26	.317500	.800179	1.056367	1.000000	1.051691	1.577409
27	.330200	.796874	1.054645	1.000000	1.049990	1.573565
28	.342900	.793395	1.052825	1.000000	1.048199	1.569508
29	.355600	.785744	1.048785	1.000000	1.044258	1.560543
30	.368300	.779657	1.045537	1.000000	1.041122	1.553371
31	.381000	.770614	1.040653	1.000000	1.036460	1.542651
32	.393700	.765223	1.037708	1.000000	1.033680	1.536221
33	.406400	.757919	1.033678	1.000000	1.029911	1.527463
34	.419100	.753571	1.031257	1.000000	1.027667	1.522223
35	.431800	.749571	1.029014	1.000000	1.025602	1.517386
36	.444500	.749223	1.028818	1.000000	1.025422	1.516965
37	.457200	.757397	1.033339	1.000000	1.029642	1.526835
38	.469900	.769919	1.040275	1.000000	1.036101	1.541822
39	.482600	.782092	1.046840	1.000000	1.042376	1.556244
40	.495300	.796005	1.054192	1.000000	1.049542	1.572552
41	.508000	.804352	1.058528	1.000000	1.053839	1.582250

ID NO. 11215-005

STATION X= 3.33 CM PTO= 10.107 N/SQ CM TTO=303.56K
R= 2.576 CM PWALL= 2.3305 N/SQ CM CF= .0004 PI = 8.118
UE= 451.8 M/SEC RHOE=.01249 KG/CUB M RE = 13.54E6 /M
DELTA= .339 CM DELTA*= .1537 CM THETA= .0390 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	0.000000	.230596	0.000000	1.000000	.665101	0.000000
2	.012700	.237931	.163080	1.000000	.671078	.211975
3	.025400	.242105	.203131	1.000000	.674421	.264692
4	.038100	.247322	.243199	1.000000	.678542	.317869
5	.050800	.253583	.282801	1.000000	.683406	.370953
6	.063500	.263322	.333315	1.000000	.690804	.439572
7	.076200	.275322	.384019	1.000000	.699656	.509674
8	.088900	.289234	.432632	1.000000	.709580	.578252
9	.101600	.304885	.478537	1.000000	.720345	.644442
10	.114300	.323842	.525456	1.000000	.732867	.713751
11	.127000	.341407	.562754	1.000000	.744011	.770204
12	.139700	.364015	.604275	1.000000	.757767	.834641
13	.152400	.386797	.640478	1.000000	.771024	.892352
14	.165100	.413753	.677729	1.000000	.786009	.953384
15	.177800	.448013	.720762	1.000000	.805187	1.026215
16	.190500	.473578	.742991	1.000000	.815951	1.064911
17	.203200	.504360	.772246	1.000000	.831087	1.117061
18	.215900	.540707	.803480	1.000000	.848564	1.174398
19	.228600	.575141	.830548	1.000000	.864909	1.225597
20	.241300	.601053	.849757	1.000000	.877241	1.262852
21	.254000	.638791	.875786	1.000000	.894997	1.314639
22	.266700	.675660	.899105	1.000000	.912008	1.362409
23	.279400	.713746	.921607	1.000000	.929496	1.409832
24	.292100	.748006	.940992	1.000000	.945473	1.451805
25	.304800	.781223	.958450	1.000000	.960648	1.490575
26	.317500	.819135	.977326	1.000000	.977923	1.533520
27	.330200	.853047	.993322	1.000000	.993342	1.570858
28	.342900	.874612	1.003095	1.000000	1.003132	1.594113
29	.355600	.895133	1.012127	1.000000	1.012439	1.615910
30	.368300	.906785	1.017142	1.000000	1.017720	1.628148
31	.381000	.921915	1.023539	1.000000	1.024574	1.643894
32	.393700	.927480	1.025859	1.000000	1.027093	1.649646
33	.406400	.934262	1.028664	1.000000	1.030164	1.656627
34	.419100	.936349	1.029522	1.000000	1.031108	1.658769
35	.431800	.938435	1.030378	1.000000	1.032053	1.660907
36	.444500	.939654	1.030876	1.000000	1.032604	1.662154
37	.457200	.937915	1.030164	1.000000	1.031817	1.660373
38	.469900	.935132	1.029022	1.000000	1.030557	1.657520
39	.482600	.932871	1.028091	1.000000	1.029534	1.655197
40	.495300	.926958	1.025643	1.000000	1.026857	1.649107
41	.508000	.922089	1.023612	1.000000	1.024652	1.644074

ID NO. 11215-006

STATION X= 3.58 CM PTO= 10.107 N/SQ CM TTO=303.56K
R= 2.576 CM PWALL= 2.4540 N/SQ CM CF= .0003 PI = 11.633
UE= 439.8 M/SEC RHOE=.01282 KG/CUB M RE = 13.25E6 /M
DELTA= .353 CM DELTA*= .1679 CM THETA= .0400 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	0.000000	.242312	0.000000	1.000000	.682586	0.000000
2	.012700	.247495	.130971	1.000000	.686322	.165447
3	.025400	.249409	.155044	1.000000	.687834	.196073
4	.038100	.253583	.197050	1.000000	.691103	.249785
5	.050800	.256192	.218893	1.000000	.693127	.277880
6	.063500	.261409	.256385	1.000000	.697131	.326415
7	.076200	.268887	.300819	1.000000	.702772	.384532
8	.088900	.279495	.352329	1.000000	.710584	.452873
9	.101600	.288886	.390611	1.000000	.717326	.504455
10	.114300	.303321	.440511	1.000000	.727389	.572875
11	.127000	.317581	.482290	1.000000	.737000	.631338
12	.139700	.336015	.528456	1.000000	.748977	.697369
13	.152400	.356711	.572607	1.000000	.761877	.762112
14	.165100	.380710	.616364	1.000000	.776183	.828016
15	.177800	.405927	.655904	1.000000	.790537	.889245
16	.190500	.431840	.691290	1.000000	.804638	.945541
17	.203200	.463839	.731939	1.000000	.822442	1.012156
18	.215900	.494273	.758621	1.000000	.835145	1.057123
19	.228600	.531315	.793431	1.000000	.853043	1.117415
20	.241300	.570097	.825897	1.000000	.871212	1.175459
21	.254000	.603662	.851700	1.000000	.886763	1.222955
22	.266700	.644008	.880415	1.000000	.905331	1.277353
23	.279400	.676529	.902066	1.000000	.920283	1.319528
24	.292100	.714094	.925107	1.000000	.937168	1.365591
25	.304800	.748702	.945055	1.000000	.952656	1.406517
26	.317500	.777918	.961406	1.000000	.965996	1.440835
27	.330200	.806265	.976239	1.000000	.978531	1.472601
28	.342900	.833395	.989852	1.000000	.990697	1.502314
29	.355600	.859482	1.002443	1.000000	1.002280	1.530290
30	.368300	.878785	1.011464	1.000000	1.010839	1.550641
31	.381000	.893394	1.018132	1.000000	1.017311	1.565852
32	.393700	.906263	1.023897	1.000000	1.023008	1.579121
33	.406400	.921915	1.030775	1.000000	1.029932	1.595100
34	.419100	.933567	1.035804	1.000000	1.035084	1.606886
35	.431800	.943480	1.040022	1.000000	1.039465	1.616840
36	.444500	.946088	1.041123	1.000000	1.040617	1.619448
37	.457200	.950088	1.042803	1.000000	1.042384	1.623439
38	.469900	.954436	1.044621	1.000000	1.044304	1.627766
39	.482600	.958262	1.046212	1.000000	1.045994	1.631563
40	.495300	.960001	1.046932	1.000000	1.046762	1.633286
41	.508000	.960001	1.046932	1.000000	1.046762	1.633286

ID NO. 11215-007

STATION X= 3.84 CM PT0= 10.107 N/SQ CM TT0=303.56K
R= 2.576 CM PWALL= 2.5603 N/SQ CM CF= .0003 PI = 11.401
UE= 433.9 M/SEC RHOE=.01321 KG/CUB M Re = 13.33E6 /M
DELTA= .362 CM DELTA*= .1698 CM THETA= .0413 CM

I	Y(CM)	PT/PT0	U/UE	TT/TT0	RHO/RHOE	M
1	0.000000	.253331	0.000000	1.000000	.691101	0.000000
2	.012700	.260018	.154948	1.000000	.696265	.193284
3	.025400	.262278	.178738	1.000000	.697990	.223236
4	.038100	.264713	.200934	1.000000	.699835	.251364
5	.050800	.267496	.223462	1.000000	.701929	.279881
6	.063500	.272713	.259765	1.000000	.705813	.326248
7	.076200	.279148	.297538	1.000000	.710532	.374935
8	.088900	.288191	.342171	1.000000	.717034	.433147
9	.101600	.297756	.382170	1.000000	.723754	.486043
10	.114300	.307669	.418144	1.000000	.730558	.534287
11	.127000	.322277	.463859	1.000000	.740305	.596642
12	.139700	.340016	.510958	1.000000	.751726	.662273
13	.152400	.359320	.554677	1.000000	.763680	.724632
14	.165100	.380363	.595751	1.000000	.776199	.784646
15	.177800	.404362	.635294	1.000000	.789888	.845401
16	.190500	.428535	.671916	1.000000	.803101	.900165
17	.203200	.458959	.711020	1.000000	.818999	.961935
18	.215900	.494621	.753056	1.000000	.837876	1.030479
19	.228600	.525750	.778850	1.000000	.850461	1.073750
20	.241300	.568358	.816120	1.000000	.870123	1.138063
21	.254000	.601749	.842898	1.000000	.885421	1.185693
22	.266700	.646965	.875757	1.000000	.905662	1.245915
23	.279400	.684877	.900854	1.000000	.922308	1.293345
24	.292100	.718268	.921993	1.000000	.937196	1.334335
25	.304800	.749571	.940381	1.000000	.950836	1.370815
26	.317500	.780875	.957851	1.000000	.964428	1.406226
27	.330200	.806265	.971775	1.000000	.975729	1.435002
28	.342900	.830513	.984300	1.000000	.986266	1.461324
29	.355600	.854786	.995300	1.000000	.996710	1.486951
30	.368300	.868873	1.003104	1.000000	1.002787	1.501663
31	.381000	.882090	1.009368	1.000000	1.008485	1.515326
32	.393700	.891481	1.013749	1.000000	1.012530	1.524953
33	.406400	.901394	1.018313	1.000000	1.016798	1.535044
34	.419100	.909046	1.021795	1.000000	1.020091	1.542784
35	.431800	.914437	1.024226	1.000000	1.022410	1.548212
36	.444500	.917393	1.025552	1.000000	1.023682	1.551181
37	.457200	.920176	1.026796	1.000000	1.024878	1.553968
38	.469900	.923306	1.028189	1.000000	1.026224	1.557098
39	.482600	.925393	1.029115	1.000000	1.027121	1.559181
40	.495300	.928002	1.030268	1.000000	1.028243	1.561781
41	.508000	.928002	1.030268	1.000000	1.028243	1.561781

STATION X= 4.09 CM PTO= 10.107 N/SQ CM TTO=303.56K
R= 2.576 CM PWALL= 2.6516 N/SQ CM CF= .0003 PI = 10.581
UE= 431.3 M/SEC RHOE=.01361 KG/CUB M RE = 13.58E6/ M
DELTA= .368 CM DELTA*= .1692 CM THETA= .0422 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	0.000000	.262355	0.000000	1.000000	.694744	0.000000
2	.012700	.270452	.168293	1.000000	.700803	.208818
3	.025400	.272713	.189836	1.000000	.702472	.235829
4	.038100	.276191	.218513	1.000000	.705020	.271946
5	.050800	.278974	.238706	1.000000	.707042	.297502
6	.063500	.284887	.276065	1.000000	.711292	.345097
7	.076200	.292365	.315931	1.000000	.716577	.396396
8	.088900	.298799	.345698	1.000000	.721048	.435094
9	.101600	.308364	.384443	1.000000	.727569	.486042
10	.114300	.321060	.428541	1.000000	.736004	.544926
11	.127000	.333407	.465629	1.000000	.743983	.595287
12	.139700	.350624	.510395	1.000000	.754763	.657229
13	.152400	.365928	.545057	1.000000	.764032	.706159
14	.165100	.387667	.588048	1.000000	.776734	.768164
15	.177800	.410797	.627629	1.000000	.789702	.826683
16	.190500	.439432	.670062	1.000000	.805085	.891129
17	.203200	.477404	.717657	1.000000	.824345	.965776
18	.215900	.502794	.747865	1.000000	.837778	1.014594
19	.228600	.536359	.775533	1.000000	.850981	1.060388
20	.241300	.573923	.808951	1.000000	.868170	1.117196
21	.254000	.613227	.840144	1.000000	.885546	1.171828
22	.266700	.657921	.872811	1.000000	.905256	1.230865
23	.279400	.687486	.892423	1.000000	.917895	1.267279
24	.292100	.728528	.918381	1.000000	.935632	1.316679
25	.304800	.762614	.938298	1.000000	.950075	1.355577
26	.317500	.796353	.956961	1.000000	.964314	1.392862
27	.330200	.824352	.971731	1.000000	.976095	1.422973
28	.342900	.852004	.985105	1.000000	.988021	1.452819
29	.355600	.869221	.994550	1.000000	.995247	1.470608
30	.368300	.881394	1.000399	1.000000	1.000351	1.483044
31	.381000	.898785	1.008586	1.000000	1.007635	1.500615
32	.393700	.907480	1.012608	1.000000	1.011275	1.509317
33	.406400	.914089	1.015633	1.000000	1.014039	1.515894
34	.419100	.920350	1.018474	1.000000	1.016657	1.522096
35	.431800	.926958	1.021448	1.000000	1.019420	1.528613
36	.444500	.926610	1.021292	1.000000	1.019274	1.528271
37	.457200	.929915	1.022770	1.000000	1.020655	1.531519
38	.469900	.930958	1.023236	1.000000	1.021091	1.532543
39	.482600	.932871	1.024087	1.000000	1.021891	1.534419
40	.495300	.932871	1.024087	1.000000	1.021891	1.534419
41	.508000	.932871	1.024087	1.000000	1.021891	1.534419

ID NO. 11215-009

STATION X= 4.34 CM PTO= 10.107 N/SQ CM TTO=303.56K
R= 2.576 CM PWALL= 2.7215 N/SQ CM CF= .0004 PI = 8.388
UE= 430.1 M/SEC RHOE=.01394 KG/CUB M RE = 13.85E6 /M
DELTA= .352 CM DELTA*= .1593 CM THETA= .0424 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	0.000000	.269279	0.000000	1.000000	.696397	0.000000
2	.012700	.282626	.212635	1.000000	.706089	.263800
3	.025400	.285582	.234218	1.000000	.708192	.291008
4	.038100	.289234	.258062	1.000000	.710767	.321216
5	.050800	.295147	.291893	1.000000	.714889	.364379
6	.063500	.300712	.319813	1.000000	.718715	.400299
7	.076200	.311321	.365702	1.000000	.725869	.460010
8	.088900	.317581	.389440	1.000000	.730010	.491265
9	.101600	.328190	.425469	1.000000	.736896	.539239
10	.114300	.339146	.458359	1.000000	.743842	.583655
11	.127000	.356885	.504663	1.000000	.754757	.647314
12	.139700	.373928	.543068	1.000000	.764884	.701232
13	.152400	.394101	.582759	1.000000	.776454	.758153
14	.165100	.417927	.623489	1.000000	.789585	.817972
15	.177800	.442796	.660546	1.000000	.802734	.873774
16	.190500	.470447	.695671	1.000000	.816748	.929569
17	.203200	.503838	.734735	1.000000	.832907	.990009
18	.215900	.542793	.771740	1.000000	.850115	1.050558
19	.228600	.576184	.800585	1.000000	.864649	1.099101
20	.241300	.617053	.833361	1.000000	.882464	1.155824
21	.254000	.650095	.857596	1.000000	.896600	1.198925
22	.266700	.693920	.887393	1.000000	.915200	1.253384
23	.279400	.735485	.913500	1.000000	.932766	1.302724
24	.292100	.772875	.935332	1.000000	.948261	1.344745
25	.304800	.801048	.950868	1.000000	.959889	1.375438
26	.317500	.828352	.965298	1.000000	.971126	1.404460
27	.330200	.851308	.976989	1.000000	.980552	1.428351
28	.342900	.873394	.988258	1.000000	.989924	1.451715
29	.355600	.891481	.996935	1.000000	.997338	1.469934
30	.368300	.903133	1.002412	1.000000	1.002110	1.481541
31	.381000	.913393	1.007164	1.000000	1.006308	1.491680
32	.393700	.918089	1.009317	1.000000	1.008229	1.496295
33	.406400	.924524	1.012246	1.000000	1.010860	1.502594
34	.419100	.929915	1.014581	1.000000	1.013063	1.507849
35	.431800	.931828	1.015541	1.000000	1.013845	1.509709
36	.444500	.933567	1.016321	1.000000	1.014556	1.511398
37	.457200	.935654	1.017255	1.000000	1.015408	1.513422
38	.469900	.936002	1.017410	1.000000	1.015550	1.513759
39	.482600	.936523	1.017643	1.000000	1.015764	1.514264
40	.495300	.936871	1.017798	1.000000	1.015906	1.514601
41	.508000	.936871	1.017798	1.000000	1.015906	1.514601

ID NO. 11215-010

STATION X= 4.60 CM PTO= 10.107 N/SQ CM TTO=303.56K
R= 2.576 CM PWALL= 2.7702 N/SQ CM CF= .0006 PI = 6.612
UE= 428.4 M/SEC RHOE=.01413 KG/CUB M RE = 13.94E6 /M
DELTA= .353 CM DELTA*= .1457 CM THETA= .0418 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	0.000000	.274097	0.000000	1.000000	.698883	0.000000
2	.012700	.294104	.257253	1.000000	.713094	.318848
3	.025400	.300539	.293673	1.000000	.717517	.365115
4	.038100	.306103	.321180	1.000000	.721288	.400362
5	.050800	.311842	.346682	1.000000	.725126	.433300
6	.063500	.318277	.372575	1.000000	.729370	.467023
7	.076200	.327663	.406376	1.000000	.735455	.511512
8	.088900	.335668	.432222	1.000000	.740541	.545923
9	.101600	.347146	.465596	1.000000	.747689	.590908
10	.114300	.364537	.509738	1.000000	.758205	.651464
11	.127000	.381754	.547658	1.000000	.768269	.704557
12	.139700	.400352	.583723	1.000000	.778787	.756077
13	.152400	.422275	.621097	1.000000	.790734	.810634
14	.165100	.446443	.657325	1.000000	.803411	.864768
15	.177800	.475839	.695862	1.000000	.818180	.923842
16	.190500	.509055	.733751	1.000000	.834108	.983581
17	.203200	.545750	.772643	1.000000	.852047	1.046792
18	.215900	.582619	.800403	1.000000	.865929	1.093200
19	.228600	.617748	.828690	1.000000	.881077	1.141693
20	.241300	.659834	.859824	1.000000	.899018	1.196586
21	.254000	.705746	.890674	1.000000	.918225	1.252690
22	.266700	.736702	.909829	1.000000	.930927	1.288450
23	.279400	.777049	.933776	1.000000	.947709	1.334229
24	.292100	.811657	.952798	1.000000	.961803	1.371495
25	.304800	.845743	.970586	1.000000	.975635	1.407109
26	.317500	.860177	.977856	1.000000	.981480	1.421889
27	.330200	.881046	.988487	1.000000	.990233	1.443743
28	.342900	.896524	.995907	1.000000	.996492	1.459169
29	.355600	.907307	1.000984	1.000000	1.000849	1.469811
30	.368300	.918611	1.005228	1.000000	1.005413	1.480876
31	.381000	.921915	1.007746	1.000000	1.006746	1.484094
32	.393700	.928350	1.010684	1.000000	1.009342	1.490338
33	.406400	.932349	1.012498	1.000000	1.010955	1.494205
34	.419100	.936175	1.014223	1.000000	1.012498	1.497893
35	.431800	.933915	1.013205	1.000000	1.011586	1.495715
36	.444500	.938436	1.015239	1.000000	1.013409	1.500068
37	.457200	.938252	1.015161	1.000000	1.013339	1.499901
38	.469900	.938784	1.015395	1.000000	1.013550	1.500402
39	.482600	.938784	1.015395	1.000000	1.013550	1.500402
40	.495300	.938262	1.015161	1.000000	1.013339	1.499901
41	.508000	.938262	1.015161	1.000000	1.013339	1.499901

ID NO. 11215-011

STATION X= 4.85 CM PT0= 10.107 N/SQ CM TT0=303.56K
R= 2.576 CM PWALL= 2.7527 N/SQ CM CF= .0008 PI = 4.761
UE= 428.9 M/SEC RHOE=.01411 KG/CUB M RE = 13.94E6 /M
DELTA= .339 CM DELTA*= .1293 CM THETA= .0399 CM

I	Y(CM)	PT/PT0	U/UE	TT/TT0	RHO/RHOE	M
1	0.000000	.273350	0.000000	1.000000	.698125	0.000000
2	.012700	.305756	.323041	1.000000	.720833	.403280
3	.025400	.316885	.370086	1.000000	.728235	.464376
4	.038100	.323668	.395121	1.000000	.732654	.497292
5	.050800	.329581	.415217	1.000000	.736454	.523938
6	.063500	.339146	.444937	1.000000	.742498	.563738
7	.076200	.350102	.475536	1.000000	.749274	.605251
8	.088900	.362798	.507333	1.000000	.756938	.649016
9	.101600	.375841	.536716	1.000000	.764615	.690078
10	.114300	.396710	.578277	1.000000	.776513	.749276
11	.127000	.417405	.614298	1.000000	.787877	.801753
12	.139700	.441231	.650806	1.000000	.800473	.856164
13	.152400	.463491	.681097	1.000000	.811809	.902334
14	.165100	.494795	.718744	1.000000	.827110	.961143
15	.177800	.526098	.754478	1.000000	.842982	1.018562
16	.190500	.562271	.783210	1.000000	.856779	1.065968
17	.203200	.597923	.813430	1.000000	.872374	1.117129
18	.215900	.642617	.847470	1.000000	.891384	1.176491
19	.228600	.681051	.874319	1.000000	.907556	1.224724
20	.241300	.720181	.899819	1.000000	.923960	1.271785
21	.254000	.753049	.920007	1.000000	.937724	1.309967
22	.266700	.791657	.941936	1.000000	.953510	1.352434
23	.279400	.824700	.959684	1.000000	.966965	1.387603
24	.292100	.843482	.969388	1.000000	.974594	1.407153
25	.304800	.867655	.981871	1.000000	.984702	1.432645
26	.317500	.886437	.991005	1.000000	.992315	1.451551
27	.330200	.899481	.997210	1.000000	.997596	1.464522
28	.342900	.908176	1.001286	1.000000	1.001114	1.473099
29	.355600	.915306	1.004594	1.000000	1.003998	1.480092
30	.368300	.919306	1.006435	1.000000	1.005614	1.483998
31	.381000	.922253	1.007790	1.000000	1.006809	1.486879
32	.393700	.924002	1.008585	1.000000	1.007512	1.488570
33	.406400	.926437	1.009694	1.000000	1.008496	1.490935
34	.419100	.927306	1.010089	1.000000	1.008847	1.491778
35	.431800	.927132	1.010010	1.000000	1.008777	1.491610
36	.444500	.925741	1.009377	1.000000	1.008215	1.490260
37	.457200	.924697	1.008902	1.000000	1.007793	1.489246
38	.469900	.924175	1.008664	1.000000	1.007582	1.488739
39	.482600	.922437	1.007870	1.000000	1.006880	1.487048
40	.495300	.921741	1.007551	1.000000	1.006598	1.486371
41	.508000	.920698	1.007073	1.000000	1.006177	1.485355

ID NO. 11215-012

STATION X= 5.36 CM PTO= 10.107 N/SQ CM TTO=303.56K
R= 2.576 CM PWALL= 2.4211 N/SQ CM CF= .0017 PI = 2.018
UE= 443.3 M/SEC RHOE=.01274 KG/CUB M RE = 13.35E6 /M
DELTA= .330 CM DELTA*= .0967 CM THETA= .0336 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	0.000000	.239453	0.000000	1.000000	.677504	0.000000
2	.012700	.323494	.505395	1.000000	.738311	.669897
3	.025400	.340450	.557295	1.000000	.752916	.746019
4	.038100	.357059	.578376	1.000000	.759432	.777582
5	.050800	.365754	.594534	1.000000	.764671	.802053
6	.063500	.380536	.619997	1.000000	.773376	.841155
7	.076200	.392710	.639317	1.000000	.780366	.871278
8	.088900	.409927	.664475	1.000000	.789991	.911132
9	.101600	.429557	.689897	1.000000	.800354	.952174
10	.114300	.449230	.714276	1.000000	.810930	.992314
11	.127000	.474969	.744676	1.000000	.825055	1.043518
12	.139700	.503838	.768545	1.000000	.836927	1.084687
13	.152400	.530098	.792775	1.000000	.849733	1.127411
14	.165100	.563315	.820231	1.000000	.865232	1.177048
15	.177800	.597053	.846239	1.000000	.880958	1.225355
16	.190500	.629226	.869449	1.000000	.895918	1.269609
17	.203200	.665225	.895687	1.000000	.912549	1.317058
18	.215900	.697746	.913906	1.000000	.927271	1.357677
19	.228600	.729746	.932731	1.000000	.941636	1.395334
20	.241300	.759484	.949648	1.000000	.955357	1.431980
21	.254000	.783136	.962291	1.000000	.965976	1.459087
22	.266700	.805048	.973597	1.000000	.975796	1.483713
23	.279400	.824700	.983422	1.000000	.984589	1.505424
24	.292100	.836673	.989366	1.000000	.990031	1.518703
25	.304800	.844673	.993216	1.000000	.993604	1.527361
26	.317500	.853395	.997268	1.000000	.997409	1.536525
27	.330200	.859308	1.000050	1.000000	1.000046	1.542850
28	.342900	.861395	1.001027	1.000000	1.000979	1.545076
29	.355600	.864003	1.002244	1.000000	1.002143	1.547853
30	.368300	.864873	1.002648	1.000000	1.002531	1.548777
31	.381000	.866264	1.003295	1.000000	1.003152	1.550255
32	.393700	.865047	1.002729	1.000000	1.002608	1.548962
33	.406400	.864525	1.002486	1.000000	1.002376	1.548407
34	.419100	.863655	1.002082	1.000000	1.001988	1.547483
35	.431800	.859482	1.000132	1.000000	1.000126	1.543036
36	.444500	.857221	.999071	1.000000	.999117	1.540621
37	.457200	.854612	.997843	1.000000	.997952	1.537833
38	.469900	.853221	.997185	1.000000	.997331	1.535339
39	.482600	.850264	.995785	1.000000	.996012	1.533166
40	.495300	.847482	.994461	1.000000	.994769	1.530173
41	.508000	.846786	.994130	1.000000	.994459	1.529424

ID NO. 11215-013

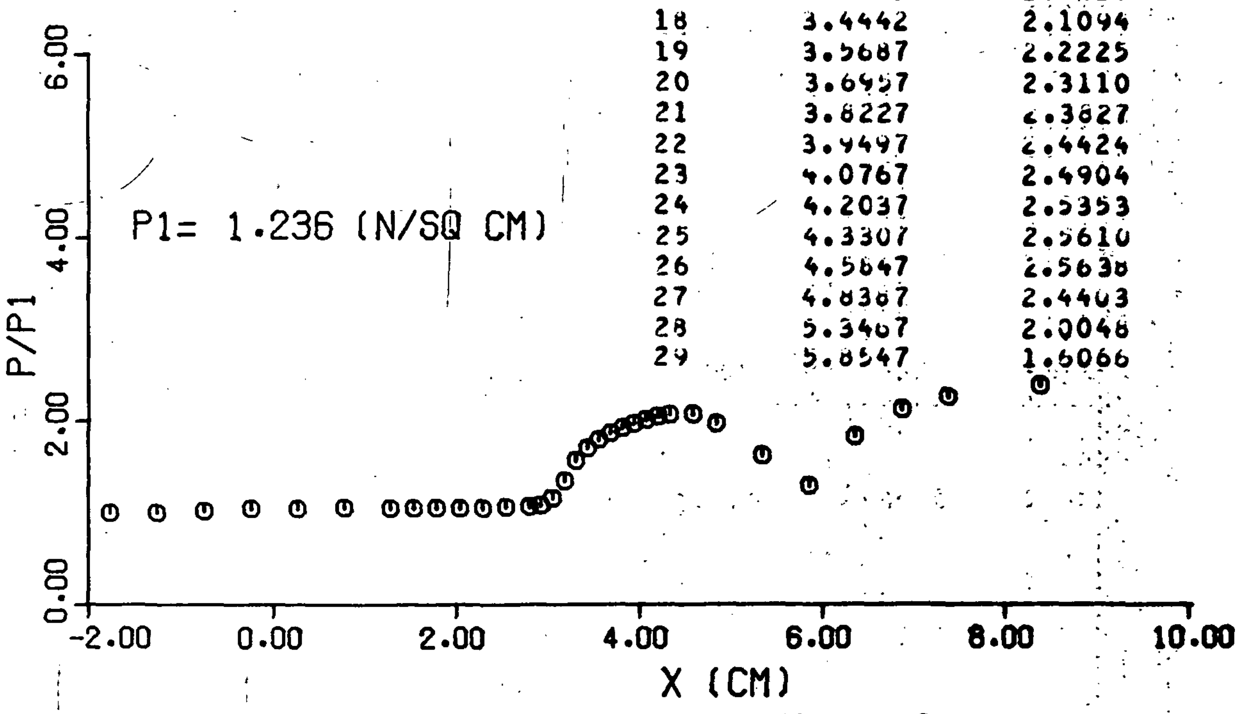
STATION X= 5.37 CM PTO= 10.137 N/SQ CM TTO=303.56K
R= 2.576 CM PWALL= 1.9094 N/SQ CM CF= .0023 PI = 0.906
UE= 476.5 M/SEC RHOE=.31085 KG/CUB M RE = 13.05E6 /M
DELTA= .385 CM DELTA*= .0880 CM THETA= .0304 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	0.000000	.188928	0.000000	1.000000	.627442	0.000000
2	.012700	.323494	.618323	1.000000	.731658	.911307
3	.025400	.357145	.683458	1.000000	.759640	1.026385
4	.038100	.382449	.697555	1.000000	.766308	1.052177
5	.050800	.394623	.711696	1.000000	.773383	1.078417
6	.063500	.406971	.725461	1.000000	.780474	1.104303
7	.076200	.417753	.736680	1.000000	.786452	1.125667
8	.088900	.432014	.751420	1.000000	.794531	1.154117
9	.101600	.449926	.768572	1.000000	.804487	1.187788
10	.114300	.469230	.785740	1.000000	.814873	1.222133
11	.127000	.486099	.800443	1.000000	.824173	1.252035
12	.139700	.508360	.818404	1.000000	.836070	1.289388
13	.152400	.531837	.836762	1.000000	.848832	1.328240
14	.165100	.555489	.853807	1.000000	.861386	1.365380
15	.177800	.581749	.871781	1.000000	.875271	1.405314
16	.190500	.604069	.886597	1.000000	.887294	1.438972
17	.203200	.632357	.904130	1.000000	.902267	1.479718
18	.215900	.652356	.915934	1.000000	.912712	1.507738
19	.228600	.676008	.929338	1.000000	.925113	1.540161
20	.241300	.697746	.941164	1.000000	.936492	1.569322
21	.254000	.718963	.952281	1.000000	.947583	1.597233
22	.266700	.740528	.963176	1.000000	.958842	1.625075
23	.279400	.756354	.970927	1.000000	.967096	1.645191
24	.292100	.771484	.976154	1.000000	.974932	1.664130
25	.304800	.781049	.982633	1.000000	.979965	1.676057
26	.317500	.791309	.987646	1.000000	.985630	1.689481
27	.330200	.797222	.990339	1.000000	.988711	1.696732
28	.342900	.807309	.994874	1.000000	.993965	1.709026
29	.355600	.811483	.996731	1.000000	.996139	1.714085
30	.368300	.816700	.999035	1.000000	.998856	1.720393
31	.381000	.818439	.999799	1.000000	.999761	1.722485
32	.393700	.820526	1.000713	1.000000	1.000846	1.724997
33	.406400	.824526	1.002457	1.000000	1.002930	1.729799
34	.419100	.825222	1.002759	1.000000	1.003292	1.730633
35	.431800	.825743	1.002985	1.000000	1.003563	1.731258
36	.444500	.826439	1.003287	1.000000	1.003925	1.732091
37	.457200	.827482	1.003739	1.000000	1.004468	1.733340
38	.469900	.829221	1.004491	1.000000	1.005374	1.735419
39	.482600	.827308	1.003664	1.000000	1.004378	1.733132
40	.495300	.828178	1.004040	1.000000	1.004831	1.734172
41	.508000	.828178	1.004040	1.000000	1.004831	1.734172

ID NO. 11215-014

PTO= 10.0851 N/SQ CM
TTO= 301.6667 K
PBAR= 760.2000 MMHG
TMAN= 298.6667 K

I	X(CM)	P(N/SQ CM)
1	-1.7628	1.2356
2	-1.2548	1.2376
3	-.7468	1.2613
4	-.2388	1.2901
5	.2692	1.2918
6	.7772	1.3045
7	1.2852	1.2987
8	1.5392	1.3014
9	1.7932	1.3055
10	2.0472	1.3018
11	2.3012	1.3048
12	2.5552	1.3192
13	2.8092	1.3254
14	2.9362	1.3398
15	3.0632	1.4396
16	3.1902	1.6711
17	3.3172	1.9427
18	3.4442	2.1094
19	3.5687	2.2225
20	3.6957	2.3110
21	3.8227	2.3827
22	3.9497	2.4424
23	4.0767	2.4904
24	4.2037	2.5353
25	4.3307	2.5610
26	4.5847	2.5638
27	4.8387	2.4403
28	5.3467	2.0048
29	5.8547	1.6066



ID NO. 11215 -014

ID NO. 11215-015

STATION X= 2.57 CM PTO= 10.082 N/SQ CM TTO=300.78K
R= 2.576 CM PWALL= 1.3192 N/SQ CM CF= .0025 PI = 0.754
UE= 510.9 M/SEC RHOE=.00836 KG/CUB M RE = 11.88E6 /M
DELTA= .287 CM DELTA*= .0700 CM THETA= .0209 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	0.000000	.130857	0.000000	1.000000	.567782	0.000000
2	.012700	.226445	.579259	1.000000	.664093	.920944
3	.025400	.283280	.673424	1.000000	.707231	1.108161
4	.038100	.317451	.720604	1.000000	.732091	1.202887
5	.050800	.346392	.753756	1.000000	.752591	1.275721
6	.063500	.372195	.780602	1.000000	.770781	1.337030
7	.076200	.398859	.805731	1.000000	.789240	1.396499
8	.088900	.423974	.827890	1.000000	.806787	1.450767
9	.101600	.446987	.846582	1.000000	.822599	1.497989
10	.114300	.471221	.865039	1.000000	.839201	1.546019
11	.127000	.493711	.881163	1.000000	.854572	1.589193
12	.139700	.514632	.895377	1.000000	.868844	1.628255
13	.152400	.537296	.909996	1.000000	.884281	1.669478
14	.165100	.560833	.924659	1.000000	.900590	1.711950
15	.177800	.584717	.938528	1.000000	.916831	1.753225
16	.190500	.603721	.949067	1.000000	.929740	1.785351
17	.203200	.625862	.960835	1.000000	.944769	1.822038
18	.215900	.643471	.969826	1.000000	.956712	1.850674
19	.228600	.657941	.976984	1.000000	.966521	1.873868
20	.241300	.672760	.984110	1.000000	.976563	1.897316
21	.254000	.685138	.989911	1.000000	.984947	1.916675
22	.266700	.695076	.994472	1.000000	.991676	1.932071
23	.279400	.703096	.998092	1.000000	.997106	1.944405
24	.292100	.709895	1.001119	1.000000	1.001708	1.954799
25	.304800	.714777	1.003270	1.000000	1.005012	1.962227
26	.317500	.717915	1.004643	1.000000	1.007135	1.966986
27	.330200	.719832	1.005478	1.000000	1.008433	1.969889
28	.342900	.720704	1.005856	1.000000	1.009023	1.971207
29	.355600	.722971	1.006838	1.000000	1.010556	1.974630
30	.368300	.723319	1.006989	1.000000	1.010792	1.975156
31	.381000	.724191	1.007365	1.000000	1.011382	1.976470
32	.393700	.724888	1.007665	1.000000	1.011854	1.977521
33	.406400	.725063	1.007740	1.000000	1.011972	1.977784
34	.419100	.725237	1.007816	1.000000	1.012090	1.978046
35	.431800	.725237	1.007816	1.000000	1.012090	1.978046
36	.444500	.725237	1.007816	1.000000	1.012090	1.978046
37	.457200	.725237	1.007816	1.000000	1.012090	1.978046
38	.469900	.725237	1.007816	1.000000	1.012090	1.978046
39	.482600	.725237	1.007816	1.000000	1.012090	1.978046
40	.495300	.725237	1.007816	1.000000	1.012090	1.978046
41	.508000	.725237	1.007816	1.000000	1.012090	1.978046
42	.533400	.725237	1.007816	1.000000	1.012090	1.978046
43	.558800	.725237	1.007816	1.000000	1.012090	1.978046

ID NO. 11215-016

STATION X= 2.82 CM PTO= 10.082 N/SQ CM TTO=300.78K
R= 2.576 CM PWALL= 1.3254 N/SQ CM CF= .0025 PI = 0.759
UE= 511.1 M/SEC RHOE=.00841 KG/CUB M RE = 11.95E6 /M
DELTA= .236 CM DELTA*= .0720 CM THETA= .0215 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	0.000000	.131469	0.000000	1.000000	.567479	0.000000
2	.012700	.224527	.572584	1.000000	.661245	.908938
3	.025400	.282932	.672940	1.000000	.705702	1.103573
4	.038100	.318846	.720243	1.000000	.731636	1.202654
5	.050800	.344997	.750253	1.000000	.750095	1.268469
6	.063500	.370800	.777245	1.000000	.768202	1.329871
7	.076200	.396080	.801235	1.000000	.785621	1.386375
8	.088900	.421882	.824178	1.000000	.803565	1.442265
9	.101600	.443501	.841886	1.000000	.818352	1.486747
10	.114300	.467908	.860658	1.000000	.834997	1.535277
11	.127000	.490050	.875583	1.000000	.850059	1.577906
12	.139700	.511494	.891383	1.000000	.864619	1.618046
13	.152400	.533451	.905680	1.000000	.879509	1.658092
14	.165100	.554033	.918689	1.000000	.893729	1.695452
15	.177800	.577395	.932475	1.000000	.909540	1.736050
16	.190500	.599188	.944724	1.000000	.924273	1.773042
17	.203200	.617145	.954406	1.000000	.936403	1.802929
18	.215900	.635277	.963830	1.000000	.948642	1.832591
19	.228600	.654454	.973435	1.000000	.961578	1.863431
20	.241300	.670145	.981032	1.000000	.972157	1.888275
21	.254000	.683221	.987191	1.000000	.980969	1.908724
22	.266700	.693158	.991773	1.000000	.987664	1.924114
23	.279400	.702224	.995879	1.000000	.993771	1.938045
24	.292100	.710063	.999379	1.000000	.999054	1.950018
25	.304800	.714079	1.001148	1.000000	1.001754	1.956108
26	.317500	.717043	1.002448	1.000000	1.003749	1.960597
27	.330200	.719484	1.003513	1.000000	1.005393	1.964285
28	.342900	.722273	1.004724	1.000000	1.007271	1.968493
29	.355600	.723842	1.005403	1.000000	1.008327	1.970855
30	.368300	.724017	1.005478	1.000000	1.008444	1.971117
31	.381000	.724540	1.005704	1.000000	1.008796	1.971904
32	.393700	.724888	1.005854	1.000000	1.009031	1.972428
33	.406400	.725063	1.005929	1.000000	1.009148	1.972690
34	.419100	.725411	1.006080	1.000000	1.009383	1.973215
35	.431800	.725411	1.006080	1.000000	1.009383	1.973215
36	.444500	.725411	1.006080	1.000000	1.009383	1.973215
37	.457200	.725411	1.006080	1.000000	1.009383	1.973215
38	.469900	.725411	1.006080	1.000000	1.009383	1.973215
39	.482600	.725411	1.006080	1.000000	1.009383	1.973215
40	.495300	.725411	1.006080	1.000000	1.009383	1.973215
41	.508000	.725411	1.006080	1.000000	1.009383	1.973215
42	.533400	.725411	1.006080	1.000000	1.009383	1.973215
43	.558800	.725411	1.006080	1.000000	1.009383	1.973215

ID NO. 11215-017

STATION X= 3.07 CM PTO= 10.082 N/SQ CM TTO=300.78K
R= 2.576 CM PWALL= 1.4395 N/SQ CM CF= .0024 PI = 0.886
UE= 495.4 M/SEC RHOE=.00873 KG/CUB M RE = 11.56E6 /M
DELTA= .283 CM DELTA*= .0708 CM THETA= .0221 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	0.000000	.142796	0.000000	1.000000	.593569	0.000000
2	.012700	.222609	.541422	1.000000	.673852	.822358
3	.025400	.277004	.653686	1.000000	.718319	1.025111
4	.038100	.314836	.704172	1.000000	.743384	1.123384
5	.050800	.343777	.740114	1.000000	.763561	1.196641
6	.063500	.369405	.768456	1.000000	.781020	1.256589
7	.076200	.394685	.794138	1.000000	.798148	1.312746
8	.088900	.419964	.817554	1.000000	.814957	1.365610
9	.101600	.442280	.836829	1.000000	.829722	1.410413
10	.114300	.466862	.857064	1.000000	.846199	1.458789
11	.127000	.489875	.874585	1.000000	.861342	1.501872
12	.139700	.510448	.889421	1.000000	.874845	1.539274
13	.152400	.532415	.904479	1.000000	.889234	1.578155
14	.165100	.552987	.917909	1.000000	.902686	1.613657
15	.177800	.574606	.931379	1.000000	.916801	1.650088
16	.190500	.596573	.944713	1.000000	.931429	1.687011
17	.203200	.615925	.955741	1.000000	.944047	1.718224
18	.215900	.635451	.966440	1.000000	.956766	1.749126
19	.228600	.650967	.974655	1.000000	.966866	1.773279
20	.241300	.666310	.982540	1.000000	.976847	1.796828
21	.254000	.679908	.989341	1.000000	.985689	1.817435
22	.266700	.689846	.994204	1.000000	.992147	1.832342
23	.279400	.699434	.998813	1.000000	.998377	1.846607
24	.292100	.706757	1.002279	1.000000	1.003134	1.857424
25	.304800	.711290	1.004402	1.000000	1.006078	1.864087
26	.317500	.715823	1.006507	1.000000	1.009021	1.870726
27	.330200	.717915	1.007474	1.000000	1.010380	1.873782
28	.342900	.720356	1.008596	1.000000	1.011964	1.877341
29	.355600	.721925	1.009316	1.000000	1.012983	1.879625
30	.368300	.723319	1.009953	1.000000	1.013889	1.881653
31	.381000	.724365	1.010430	1.000000	1.014568	1.883172
32	.393700	.725063	1.010748	1.000000	1.015020	1.884184
33	.406400	.725411	1.010907	1.000000	1.015247	1.884690
34	.419100	.725760	1.011065	1.000000	1.015473	1.885196
35	.431800	.725934	1.011145	1.000000	1.015586	1.885449
36	.444500	.725760	1.011065	1.000000	1.015473	1.885196
37	.457200	.725760	1.011065	1.000000	1.015473	1.885196
38	.469900	.725760	1.011065	1.000000	1.015473	1.885196
39	.482600	.726109	1.011224	1.000000	1.015699	1.885702
40	.495300	.729421	1.012725	1.000000	1.017850	1.890498
41	.508000	.737790	1.016478	1.000000	1.023281	1.902560
42	.533400	.773530	1.031914	1.000000	1.046465	1.953209
43	.558800	.796369	1.041305	1.000000	1.061270	1.984878

ID NO. 11215-018

STATION X= 3.33 CM PTO= 10.082 N/SQ CM TTO=300.78K
R= 2.576 CM PWALL= 1.9427 N/SQ CM CF= .0017 PI = 2.377
UE= 425.3 M/SEC RHOE=.00998 KG/CUB M RE = 9.84E6 /M
DELTA= .199 CM DELTA*= .0559 CM THETA= .0223 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	0.000000	.192698	0.000000	1.000000	.700380	0.000000
2	.012700	.225573	.383247	1.000000	.732621	.479759
3	.025400	.248585	.483964	1.000000	.753240	.614304
4	.038100	.275784	.570025	1.000000	.775919	.734355
5	.050800	.306991	.644828	1.000000	.800053	.843543
6	.063500	.333665	.696087	1.000000	.819327	.921501
7	.076200	.366267	.751019	1.000000	.842810	1.008369
8	.088900	.388583	.775889	1.000000	.854995	1.050618
9	.101600	.417872	.812011	1.000000	.872811	1.109497
10	.114300	.445767	.843246	1.000000	.889992	1.163459
11	.127000	.474010	.871808	1.000000	.906906	1.214244
12	.139700	.503125	.899154	1.000000	.924272	1.264265
13	.152400	.530846	.923449	1.000000	.940743	1.309942
14	.165100	.561879	.948442	1.000000	.958795	1.358243
15	.177800	.589773	.969500	1.000000	.974946	1.400044
16	.190500	.617842	.989874	1.000000	.991454	1.441517
17	.203200	.639810	1.004775	1.000000	1.004112	1.472529
18	.215900	.662474	1.019511	1.000000	1.017145	1.503790
19	.228600	.680083	1.030542	1.000000	1.027254	1.527596
20	.241300	.695425	1.039874	1.000000	1.036050	1.548015
21	.254000	.706059	1.046197	1.000000	1.042143	1.561999
22	.266700	.713905	1.050787	1.000000	1.046634	1.572230
23	.279400	.721053	1.054916	1.000000	1.050725	1.581489
24	.292100	.724191	1.056713	1.000000	1.052520	1.585536
25	.304800	.724191	1.056713	1.000000	1.052520	1.585536
26	.317500	.728201	1.058995	1.000000	1.054813	1.590691
27	.330200	.733257	1.061851	1.000000	1.057704	1.597165
28	.342900	.741974	1.066720	1.000000	1.062687	1.608262
29	.355600	.760280	1.076718	1.000000	1.073143	1.631304
30	.368300	.779805	1.087064	1.000000	1.084286	1.655506
31	.381000	.792707	1.093726	1.000000	1.091643	1.671293
32	.393700	.798635	1.097057	1.000000	1.095376	1.679248
33	.406400	.819382	1.107402	1.000000	1.107208	1.704213
34	.419100	.821300	1.108342	1.000000	1.108301	1.706501
35	.431800	.807526	1.101531	1.000000	1.100448	1.689995
36	.444500	.809619	1.102575	1.000000	1.101641	1.692513
37	.457200	.810839	1.103182	1.000000	1.102337	1.693980
38	.469900	.812059	1.103788	1.000000	1.103033	1.695446
39	.482600	.813280	1.104393	1.000000	1.103729	1.696911
40	.495300	.813977	1.104739	1.000000	1.104127	1.697747
41	.508000	.815546	1.105514	1.000000	1.105021	1.699627
42	.533400	.817813	1.106631	1.000000	1.106314	1.702339
43	.558800	.819382	1.107402	1.000000	1.107208	1.704213

ID NO. 11215-019

STATION X= 3.58 CM PTO= 10.082 N/SQ CM TTO=300.78K
R= 2.576 CM PWALL= 2.2225 N/SQ CM CF= .0007 PI = 5.703
UE= 454.6 M/SEC RHOE=.01216 KG/CUB M RE = 13.51E6/M
DELTA= .292 CM DELTA*= .1239 CM THETA= .0337 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	0.000000	.220455	0.000000	1.000000	.657827	0.000000
2	.012700	.234639	.227163	1.000000	.669652	.299788
3	.025400	.241961	.276946	1.000000	.675557	.367095
4	.038100	.251550	.328823	1.000000	.683100	.438284
5	.050800	.263405	.380674	1.000000	.692148	.510745
6	.063500	.280839	.441940	1.000000	.704938	.598399
7	.076200	.298797	.493134	1.000000	.717533	.673654
8	.088900	.321461	.546415	1.000000	.732680	.754279
9	.101600	.343428	.589628	1.000000	.746649	.821652
10	.114300	.370625	.634920	1.000000	.763086	.894452
11	.127000	.399566	.675772	1.000000	.779656	.962284
12	.139700	.425718	.710081	1.000000	.794985	1.021031
13	.152400	.458494	.740874	1.000000	.809949	1.075288
14	.165100	.492839	.773881	1.000000	.827377	1.135214
15	.177800	.521606	.799180	1.000000	.841795	1.182495
16	.190500	.556823	.827421	1.000000	.859074	1.236783
17	.203200	.594655	.854994	1.000000	.877259	1.291452
18	.215900	.636323	.883355	1.000000	.897449	1.349559
19	.228600	.677816	.909052	1.000000	.917177	1.404016
20	.241300	.716346	.931625	1.000000	.935717	1.453334
21	.254000	.758362	.954255	1.000000	.955565	1.504340
22	.266700	.795671	.973105	1.000000	.973139	1.548100
23	.279400	.834375	.991556	1.000000	.991328	1.592127
24	.292100	.853204	1.000158	1.000000	1.000164	1.613080
25	.304800	.876740	1.010589	1.000000	1.011198	1.638870
26	.317500	.892257	1.017280	1.000000	1.018467	1.655638
27	.330200	.905681	1.022954	1.000000	1.024751	1.670002
28	.342900	.908994	1.024338	1.000000	1.026302	1.673527
29	.355600	.913352	1.026445	1.000000	1.028674	1.678906
30	.368300	.913178	1.026373	1.000000	1.028593	1.678721
31	.381000	.909865	1.024702	1.000000	1.026710	1.674453
32	.393700	.902369	1.021564	1.000000	1.023201	1.666470
33	.406400	.889815	1.015237	1.000000	1.017324	1.653013
34	.419100	.881273	1.012559	1.000000	1.013322	1.643787
35	.431800	.868721	1.007074	1.000000	1.007440	1.630131
36	.444500	.857040	1.001881	1.000000	1.001963	1.617312
37	.457200	.848846	.998187	1.000000	.998119	1.608255
38	.469900	.839954	.994129	1.000000	.993947	1.598365
39	.482600	.836293	.992443	1.000000	.992229	1.594274
40	.495300	.833155	.990990	1.000000	.990755	1.590758
41	.508000	.830365	.989693	1.000000	.989446	1.587626
42	.533400	.827227	.988228	1.000000	.987972	1.584094
43	.558800	.827227	.988228	1.000000	.987972	1.584094

ID NO. 11215-020

STATION X= 3.84 CM PT0= 10.082 N/SQ CM TT0=300.78K
R= 2.576 CM PWALL= 2.3327 N/SQ CM CF= .0006 PI = 6.698
UE= 434.4 M/SEC RHOE=.01247 KG/CUB M RE = 12.75E6 /M
DELTA= .292 CM DELTA*= .1261 CM THETA= .0348 CM

I	Y(CM)	PT/PT0	U/UE	TT/TT0	RHO/RHOE	M
1	0.000000	.236341	0.000000	1.000000	.687521	0.000000
2	.012700	.247889	.208142	1.000000	.696956	.261947
3	.025400	.254688	.260069	1.000000	.702365	.328566
4	.038100	.262011	.304799	1.000000	.708076	.386639
5	.050800	.270902	.349842	1.000000	.714860	.445898
6	.063500	.282409	.398439	1.000000	.723407	.510864
7	.076200	.296356	.447612	1.000000	.733440	.577879
8	.088900	.314487	.500824	1.000000	.745990	.652085
9	.101600	.334711	.550345	1.000000	.759392	.722970
10	.114300	.358770	.599813	1.000000	.774604	.795807
11	.127000	.383178	.642410	1.000000	.789308	.860376
12	.139700	.411247	.684419	1.000000	.805413	.925942
13	.152400	.443152	.725348	1.000000	.822791	.991845
14	.165100	.474882	.760417	1.000000	.839142	1.050079
15	.177800	.508879	.791940	1.000000	.855101	1.103961
16	.190500	.542875	.822524	1.000000	.871831	1.157756
17	.203200	.579662	.852376	1.000000	.889454	1.211840
18	.215900	.616795	.880262	1.000000	.907173	1.263890
19	.228600	.656023	.907531	1.000000	.925781	1.316340
20	.241300	.693333	.931319	1.000000	.943141	1.363450
21	.254000	.722622	.948918	1.000000	.956711	1.399173
22	.266700	.756270	.968460	1.000000	.972557	1.439765
23	.279400	.785908	.984516	1.000000	.986226	1.473885
24	.292100	.815721	.999940	1.000000	.999945	1.507352
25	.304800	.838036	1.011043	1.000000	1.010196	1.531881
26	.317500	.856517	1.019969	1.000000	1.018675	1.551877
27	.330200	.869767	1.026225	1.000000	1.024749	1.566045
28	.342900	.882319	1.032046	1.000000	1.030500	1.579340
29	.355600	.891035	1.035029	1.000000	1.034491	1.588503
30	.368300	.900102	1.040122	1.000000	1.038640	1.597972
31	.381000	.907947	1.043623	1.000000	1.042229	1.606119
32	.393700	.913526	1.046090	1.000000	1.044781	1.611885
33	.406400	.918234	1.048157	1.000000	1.046933	1.616734
34	.419100	.922069	1.049832	1.000000	1.048687	1.620673
35	.431800	.927125	1.052027	1.000000	1.050998	1.625850
36	.444500	.930961	1.053683	1.000000	1.052751	1.629765
37	.457200	.936714	1.056150	1.000000	1.055379	1.635620
38	.469900	.939852	1.057488	1.000000	1.056813	1.638804
39	.482600	.941421	1.058155	1.000000	1.057530	1.640394
40	.495300	.943513	1.059042	1.000000	1.058485	1.642511
41	.508000	.945257	1.059780	1.000000	1.059282	1.644273
42	.533400	.946303	1.060221	1.000000	1.059759	1.645329
43	.558800	.941944	1.058377	1.000000	1.057769	1.640923

ID NO. 11215-021

STATION X= 4.09 CM PTO= 10.082 N/SQ CM TTO=300.78K
R= 2.576 CM PWALL= 2.4904 N/SQ CM CF= .0006 PI = 6.564
UE= 431.2 M/SEC RHOE=.01295 KG/CUB M RE = 13.07E6 /M
DELTA= .298 CM DELTA*= .1267 CM THETA= .0355 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	0.000000	.247022	0.000000	1.000000	.692120	0.000000
2	.012700	.260790	.223485	1.000000	.702930	.279440
3	.025400	.267589	.270882	1.000000	.708118	.339952
4	.038100	.275435	.315405	1.000000	.713988	.397464
5	.050800	.284501	.358439	1.000000	.720625	.453789
6	.063500	.294438	.398660	1.000000	.727729	.507192
7	.076200	.308037	.445560	1.000000	.737178	.570528
8	.088900	.324948	.494708	1.000000	.748521	.638316
9	.101600	.342731	.538618	1.000000	.760003	.700282
10	.114300	.362780	.581178	1.000000	.772449	.761778
11	.127000	.389106	.628839	1.000000	.788065	.832540
12	.139700	.418047	.673286	1.000000	.804385	.900568
13	.152400	.451520	.717041	1.000000	.822284	.969705
14	.165100	.482379	.754367	1.000000	.839142	1.030587
15	.177800	.517945	.785038	1.000000	.854197	1.082068
16	.190500	.557694	.820327	1.000000	.872989	1.143079
17	.203200	.592563	.848737	1.000000	.889366	1.193708
18	.215900	.632487	.878354	1.000000	.907736	1.248056
19	.228600	.671191	.904547	1.000000	.925182	1.297566
20	.241300	.709546	.929150	1.000000	.942685	1.345408
21	.254000	.740928	.947779	1.000000	.956712	1.382555
22	.266700	.774053	.966423	1.000000	.971467	1.420581
23	.279400	.803342	.982492	1.000000	.984795	1.454075
24	.292100	.828099	.995230	1.000000	.995784	1.481122
25	.304800	.848671	1.005467	1.000000	1.004901	1.503192
26	.317500	.865234	1.013493	1.000000	1.012233	1.520706
27	.330200	.878309	1.019697	1.000000	1.018015	1.534380
28	.342900	.887724	1.024095	1.000000	1.022176	1.544144
29	.355600	.897487	1.028597	1.000000	1.026489	1.554200
30	.368300	.903589	1.031380	1.000000	1.029183	1.560449
31	.381000	.907250	1.033039	1.000000	1.030800	1.564186
32	.393700	.908994	1.033826	1.000000	1.031569	1.565962
33	.406400	.911434	1.034925	1.000000	1.032646	1.568445
34	.419100	.913352	1.035786	1.000000	1.033493	1.570393
35	.431800	.913352	1.035786	1.000000	1.033493	1.570393
36	.444500	.914049	1.036098	1.000000	1.033800	1.571100
37	.457200	.914049	1.036098	1.000000	1.033800	1.571100
38	.469900	.914921	1.036489	1.000000	1.034185	1.571984
39	.482600	.915270	1.036645	1.000000	1.034339	1.572338
40	.495300	.915618	1.036800	1.000000	1.034493	1.572691
41	.508000	.916316	1.037112	1.000000	1.034800	1.573398
42	.533400	.916839	1.037345	1.000000	1.035031	1.573927
43	.558800	.919280	1.038433	1.000000	1.036108	1.576397

ID NO. 11215-022

STATION X= 4.34 CM PTO= 10.082 N/SQ CM TTO=300.78K
R= 2.576 CM PWALL= 2.5610 N/SQ CM CF= .0007 PI = 5.331
UE= 434.5 M/SEC RHOE=.01341 KG/CUB M RE = 13.72E6 /M
DELTA= .307 CM DELTA*= .1236 CM THETA= .0362 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	0.000000	.254029	0.000000	1.000000	.687366	0.000000
2	.012700	.276830	.278558	1.000000	.704455	.352575
3	.025400	.286767	.329979	1.000000	.711589	.419769
4	.038100	.295659	.368408	1.000000	.717825	.470703
5	.050800	.302632	.395042	1.000000	.722622	.506417
6	.063500	.315359	.437788	1.000000	.731177	.564527
7	.076200	.328435	.475773	1.000000	.739714	.617079
8	.088900	.344126	.515489	1.000000	.749643	.673063
9	.101600	.363129	.557159	1.000000	.761245	.733079
10	.114300	.384922	.598433	1.000000	.774027	.793968
11	.127000	.409578	.638954	1.000000	.787935	.855310
12	.139700	.438968	.680276	1.000000	.803635	.919652
13	.152400	.472616	.721042	1.000000	.820774	.985103
14	.165100	.506787	.759592	1.000000	.838643	1.049007
15	.177800	.545491	.790533	1.000000	.854272	1.101863
16	.190500	.585241	.823660	1.000000	.872398	1.160151
17	.203200	.621329	.850937	1.000000	.888502	1.209583
18	.215900	.662823	.879953	1.000000	.906909	1.263719
19	.228600	.700481	.904445	1.000000	.923558	1.310761
20	.241300	.736918	.925294	1.000000	.939341	1.353847
21	.254000	.772309	.945279	1.000000	.954603	1.394247
22	.266700	.805260	.964271	1.000000	.969067	1.431480
23	.279400	.835770	.979834	1.000000	.982164	1.464380
24	.292100	.855819	.989689	1.000000	.990755	1.485563
25	.304800	.875346	.999020	1.000000	.999110	1.505880
26	.317500	.887898	1.004887	1.000000	1.004476	1.518784
27	.330200	.901671	1.011208	1.000000	1.010359	1.532807
28	.342900	.907947	1.014050	1.000000	1.013038	1.539152
29	.355600	.913701	1.016634	1.000000	1.015494	1.544943
30	.368300	.917013	1.018113	1.000000	1.016907	1.548266
31	.381000	.920326	1.019585	1.000000	1.018320	1.551582
32	.393700	.922418	1.020512	1.000000	1.019212	1.553673
33	.406400	.924336	1.021359	1.000000	1.020030	1.555586
34	.419100	.925207	1.021743	1.000000	1.020402	1.556455
35	.431800	.925207	1.021743	1.000000	1.020402	1.556455
36	.444500	.925905	1.022050	1.000000	1.020699	1.557150
37	.457200	.925905	1.022050	1.000000	1.020699	1.557150
38	.469900	.925905	1.022050	1.000000	1.020699	1.557150
39	.482600	.925905	1.022050	1.000000	1.020699	1.557150
40	.495300	.925905	1.022050	1.000000	1.020699	1.557150
41	.508000	.923290	1.020897	1.000000	1.019584	1.554543
42	.533400	.921197	1.019972	1.000000	1.018692	1.552454
43	.558800	.917536	1.018346	1.000000	1.017130	1.548790

ID NO. 11215-023

STATION X= 4.60 CM PTO= 10.082 N/SQ CM TTO=300.78K
R= 2.576 CM PWALL= 2.5538 N/SQ CM CF= .0010 PI = 3.941
UE= 438.9 M/SEC RHOE=.01355 KG/CUB M RE = 14.1E6 /M
DELTA= .308 CM DELTA*= .1140 CM THETA= .0355 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	0.000000	.254302	0.000000	1.000000	.680923	0.000000
2	.012700	.293566	.354921	1.000000	.709438	.457585
3	.025400	.307165	.405753	1.000000	.718676	.526516
4	.038100	.315185	.431766	1.000000	.723988	.562338
5	.050800	.325297	.461407	1.000000	.730550	.603660
6	.063500	.337152	.492565	1.000000	.738060	.647728
7	.076200	.354586	.532891	1.000000	.748768	.705822
8	.088900	.372718	.569458	1.000000	.759514	.759663
9	.101600	.394335	.607614	1.000000	.771848	.817103
10	.114300	.418047	.644156	1.000000	.784832	.873500
11	.127000	.447510	.683620	1.000000	.800254	.936079
12	.139700	.480461	.721749	1.000000	.816664	.998370
13	.152400	.513237	.752904	1.000000	.831279	1.050743
14	.165100	.549500	.785286	1.000000	.847728	1.106725
15	.177800	.586112	.815489	1.000000	.864328	1.160488
16	.190500	.627257	.846012	1.000000	.882453	1.216482
17	.203200	.668402	.874197	1.000000	.900507	1.269803
18	.215900	.703270	.896513	1.000000	.915777	1.313212
19	.228600	.739010	.917642	1.000000	.931093	1.355357
20	.241300	.776494	.938493	1.000000	.947085	1.398007
21	.254000	.806132	.954491	1.000000	.959988	1.431490
22	.266700	.830543	.965857	1.000000	.970359	1.457847
23	.279400	.850763	.976773	1.000000	.978937	1.479294
24	.292100	.880401	.990797	1.000000	.991488	1.510122
25	.304800	.899056	.999333	1.000000	.999376	1.529179
26	.317500	.903066	1.001140	1.000000	1.001070	1.533241
27	.330200	.905507	1.002235	1.000000	1.002101	1.535709
28	.342900	.907773	1.003248	1.000000	1.003059	1.537996
29	.355600	.907773	1.003248	1.000000	1.003059	1.537996
30	.368300	.907773	1.003248	1.000000	1.003059	1.537996
31	.381000	.907773	1.003248	1.000000	1.003059	1.537996
32	.393700	.907773	1.003248	1.000000	1.003059	1.537996
33	.406400	.907773	1.003248	1.000000	1.003059	1.537996
34	.419100	.907773	1.003248	1.000000	1.003059	1.537996
35	.431800	.906727	1.002781	1.000000	1.002617	1.536941
36	.444500	.904112	1.001610	1.000000	1.001512	1.534299
37	.457200	.902543	1.000905	1.000000	1.000849	1.532712
38	.469900	.900974	1.000198	1.000000	1.000186	1.531123
39	.482600	.899753	.999648	1.000000	.999670	1.529886
40	.495300	.896790	.998308	1.000000	.998418	1.526877
41	.508000	.895569	.997754	1.000000	.997902	1.525636
42	.533400	.891908	.996088	1.000000	.996354	1.521907
43	.558800	.886155	.993453	1.000000	.993922	1.516027

ID NO. 11215-024

STATION X= 4.85 CM PTO= 10.082 N/SQ CM TTO=300.78K
R= 2.576 CM PWALL= 2.4403 N/SQ CM CF= .0014 PI = 2.805
UE= 437.2 M/SEC RHOE=.01285 KG/CUB M RE = 13.28E6 /M
DELTA= .292 CM DELTA*= .0973 CM THETA= .0324 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	0.000000	.242055	0.000000	1.000000	.683407	0.000000
2	.012700	.298274	.427740	1.000000	.725427	.554463
3	.025400	.316928	.483832	1.000000	.738110	.632631
4	.038100	.327563	.511412	1.000000	.745104	.671854
5	.050800	.338895	.538106	1.000000	.752379	.710365
6	.063500	.353714	.569585	1.000000	.761636	.756534
7	.076200	.371149	.602596	1.000000	.772178	.805898
8	.088900	.391721	.637087	1.000000	.784172	.858618
9	.101600	.412642	.668206	1.000000	.795917	.907277
10	.114300	.443326	.708176	1.000000	.812396	.971450
11	.127000	.472964	.744160	1.000000	.828695	1.031002
12	.139700	.505043	.771583	1.000000	.842133	1.077627
13	.152400	.542004	.805265	1.000000	.859951	1.136505
14	.165100	.577918	.834877	1.000000	.876918	1.189864
15	.177800	.617842	.864817	1.000000	.895429	1.245476
16	.190500	.650793	.887452	1.000000	.910408	1.288720
17	.203200	.687579	.911517	1.000000	.927340	1.335919
18	.215900	.719484	.930815	1.000000	.941723	1.374741
19	.228600	.755224	.951225	1.000000	.957773	1.416806
20	.241300	.778760	.964402	1.000000	.968621	1.444543
21	.254000	.801250	.976214	1.000000	.978689	1.469816
22	.266700	.824785	.988152	1.000000	.989206	1.495762
23	.279400	.839954	.995628	1.000000	.995974	1.512226
24	.292100	.848846	.999934	1.000000	.999939	1.521786
25	.304800	.857214	1.003937	1.000000	1.003668	1.530725
26	.317500	.864711	1.007483	1.000000	1.007008	1.538685
27	.330200	.867674	1.008875	1.000000	1.008328	1.541820
28	.342900	.871336	1.010586	1.000000	1.009958	1.545683
29	.355600	.874125	1.011884	1.000000	1.011200	1.548619
30	.368300	.876565	1.013015	1.000000	1.012286	1.551183
31	.381000	.874822	1.012207	1.000000	1.011510	1.549352
32	.393700	.874822	1.012207	1.000000	1.011510	1.549352
33	.406400	.874822	1.012207	1.000000	1.011510	1.549352
34	.419100	.871510	1.010667	1.000000	1.010036	1.545867
35	.431800	.870638	1.010261	1.000000	1.009647	1.544948
36	.444500	.869069	1.009528	1.000000	1.008949	1.543293
37	.457200	.867151	1.008630	1.000000	1.008095	1.541267
38	.469900	.864536	1.007401	1.000000	1.006930	1.538501
39	.482600	.861921	1.006168	1.000000	1.005765	1.535729
40	.495300	.860352	1.005426	1.000000	1.005067	1.534063
41	.508000	.858260	1.004434	1.000000	1.004134	1.531839
42	.533400	.853204	1.002025	1.000000	1.001882	1.526449
43	.558800	.847793	.999430	1.000000	.999473	1.520665

ID NO. 11215-025

STATION X= 5.36 CM PTO= 10.082 N/SQ CM TTO=300.78K
R= 2.576 CM PWALL= 2.0048 N/SQ CM CF= .0021 PI = 1.277
UE= 464.3 M/SEC RHOE=.01122 KG/CUB M RE = 12.99E6 /M
DELTA= .325 CM DELTA*= .0841 CM THETA= .0289 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	0.000000	.198855	0.000000	1.000000	.642998	0.000000
2	.012700	.300366	.558001	1.000000	.723411	.790757
3	.025400	.343254	.636020	1.000000	.751531	.918670
4	.038100	.358770	.659246	1.000000	.761084	.958250
5	.050800	.370103	.674936	1.000000	.767877	.985425
6	.063500	.384747	.696425	1.000000	.777647	1.023248
7	.076200	.400089	.711532	1.000000	.784854	1.050277
8	.088900	.419441	.731456	1.000000	.794812	1.086515
9	.101600	.440711	.753959	1.000000	.806712	1.128293
10	.114300	.467211	.779048	1.000000	.820853	1.176013
11	.127000	.495106	.803700	1.000000	.835714	1.224160
12	.139700	.521780	.825763	1.000000	.849891	1.268388
13	.152400	.550546	.848009	1.000000	.865090	1.314154
14	.165100	.579487	.868645	1.000000	.880064	1.357734
15	.177800	.609997	.889071	1.000000	.895779	1.402013
16	.190500	.639635	.908099	1.000000	.911278	1.444355
17	.203200	.667704	.924854	1.000000	.925661	1.482568
18	.215900	.692635	.939033	1.000000	.938407	1.515624
19	.228600	.718612	.953161	1.000000	.951662	1.549253
20	.241300	.739184	.963915	1.000000	.962142	1.575336
21	.254000	.757316	.973094	1.000000	.971369	1.597946
22	.266700	.772832	.980739	1.000000	.979258	1.617026
23	.279400	.784862	.986538	1.000000	.985369	1.631655
24	.292100	.796194	.991902	1.000000	.991123	1.645310
25	.304800	.805086	.996045	1.000000	.995636	1.655940
26	.317500	.810142	.998376	1.000000	.998202	1.661952
27	.330200	.815721	1.000928	1.000000	1.001032	1.668560
28	.342900	.817290	1.001641	1.000000	1.001827	1.670413
29	.355600	.818510	1.002195	1.000000	1.002446	1.671853
30	.368300	.819033	1.002432	1.000000	1.002712	1.672470
31	.381000	.818684	1.002274	1.000000	1.002535	1.672059
32	.393700	.818859	1.002353	1.000000	1.002623	1.672264
33	.406400	.818335	1.002115	1.000000	1.002358	1.671647
34	.419100	.816767	1.001404	1.000000	1.001562	1.669795
35	.431800	.815546	1.000848	1.000000	1.000943	1.668353
36	.444500	.814151	1.000212	1.000000	1.000236	1.666704
37	.457200	.811013	.998776	1.000000	.998644	1.662986
38	.469900	.808398	.997574	1.000000	.997317	1.659881
39	.482600	.807701	.997253	1.000000	.996963	1.659052
40	.495300	.805086	.996045	1.000000	.995636	1.655940
41	.508000	.801948	.994589	1.000000	.994044	1.652196
42	.533400	.796892	.992229	1.000000	.991477	1.646146
43	.558800	.791661	.989768	1.000000	.988822	1.639862

ID NO. 11215-026

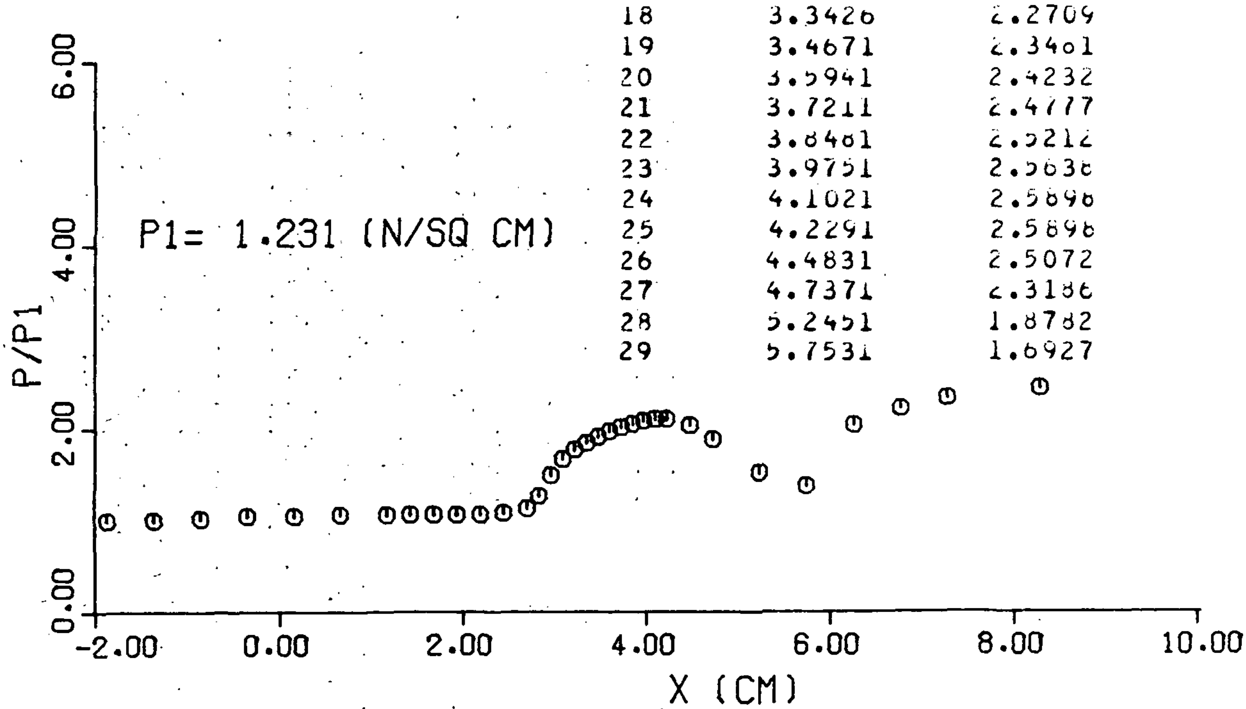
STATION X= 5.87 CM PTO= 10.082 N/SQ CM TTO=300.78K
R= 2.576 CM PWALL= 1.6055 N/SQ CM CF= .0024 PI = 0.714
UE= 490.6 M/SEC RHOE=.00961 KG/CUB M RE = 12.46E6 /M
DELTA= .372 CM DELTA*= .0818 CM THETA= .0269 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	0.000000	.159362	0.000000	1.000000	.601467	0.000000
2	.012700	.272994	.598067	1.000000	.701459	.911723
3	.025400	.336455	.693078	1.000000	.743872	1.088035
4	.038100	.365744	.727987	1.000000	.762517	1.157071
5	.050800	.383178	.745915	1.000000	.773426	1.195618
6	.063500	.394685	.758594	1.000000	.780459	1.219821
7	.076200	.408458	.772420	1.000000	.789096	1.248906
8	.088900	.422928	.785952	1.000000	.797894	1.277852
9	.101600	.439565	.801264	1.000000	.808279	1.311197
10	.114300	.457448	.816412	1.000000	.819029	1.344841
11	.127000	.478718	.833606	1.000000	.831835	1.383856
12	.139700	.498593	.848847	1.000000	.843760	1.419222
13	.152400	.519514	.864441	1.000000	.856555	1.456212
14	.165100	.540958	.879337	1.000000	.869372	1.492347
15	.177800	.563099	.893982	1.000000	.882575	1.528678
16	.190500	.586635	.908800	1.000000	.896581	1.566298
17	.203200	.608951	.922194	1.000000	.909838	1.601091
18	.215900	.627083	.932643	1.000000	.920594	1.628776
19	.228600	.647481	.943965	1.000000	.932681	1.659334
20	.241300	.664566	.953388	1.000000	.943102	1.685237
21	.254000	.681826	.962343	1.000000	.953322	1.710257
22	.266700	.700481	.971711	1.000000	.964359	1.736873
23	.279400	.714079	.978347	1.000000	.972399	1.756008
24	.292100	.725063	.983592	1.000000	.978890	1.771306
25	.304800	.734303	.987929	1.000000	.984349	1.784070
26	.317500	.742497	.991718	1.000000	.989188	1.795309
27	.330200	.748599	.994506	1.000000	.992791	1.803631
28	.342900	.754352	.997108	1.000000	.996187	1.811442
29	.355600	.758013	.998751	1.000000	.998349	1.816394
30	.368300	.760280	.999753	1.000000	.999686	1.819452
31	.381000	.761849	1.000462	1.000000	1.000612	1.821566
32	.393700	.762546	1.000771	1.000000	1.001024	1.822505
33	.406400	.762895	1.000926	1.000000	1.001230	1.822974
34	.419100	.763767	1.001313	1.000000	1.001744	1.824147
35	.431800	.763767	1.001313	1.000000	1.001744	1.824147
36	.444500	.763767	1.001313	1.000000	1.001744	1.824147
37	.457200	.763767	1.001313	1.000000	1.001744	1.824147
38	.469900	.762023	1.000539	1.000000	1.000715	1.821801
39	.482600	.760803	.999996	1.000000	.999995	1.820157
40	.495300	.759931	.999608	1.000000	.999480	1.818982
41	.508000	.758711	.999063	1.000000	.998760	1.817335
42	.533400	.756619	.998126	1.000000	.997525	1.814509
43	.558800	.752957	.996479	1.000000	.995364	1.809551

ID NO. 11216-001

PTO= 10.0497 N/SQ CM
TTO= 302.1111 K
PBAR= 757.2000 MMHG
TMAN= 297.2778 K

I	X(CM)	P(N/SQ CM)
1	-1.8644	1.2311
2	-1.3564	1.2335
3	-.8484	1.2579
4	-.3404	1.2663
5	.1676	1.2863
6	.6756	1.3072
7	1.1836	1.3014
8	1.4376	1.3038
9	1.6916	1.3062
10	1.9456	1.3062
11	2.1996	1.3072
12	2.4536	1.3275
13	2.7076	1.3909
14	2.8346	1.5545
15	2.9616	1.8319
16	3.0886	2.0490
17	3.2156	2.1763
18	3.3426	2.2709
19	3.4671	2.3461
20	3.5941	2.4232
21	3.7211	2.4777
22	3.8481	2.5212
23	3.9751	2.5636
24	4.1021	2.5696
25	4.2291	2.5896
26	4.4831	2.5072
27	4.7371	2.3186
28	5.2451	1.8782
29	5.7531	1.6927



ID NO. 11216 -001

ID NO. 11215-002

STATION X= 2.46 CM PTO= 10.050 N/SQ CM TTO=302.11K
R= 2.576 CM PWALL= 1.3261 N/SQ CM CF= .0025 PI = 0.724
UE= 510.2 M/SEC RHOE=.06832 KG/CUB M RE = 11,7E6 /M
DELTA= .288 CM DELTA*= .0691 CM THETA= .0208 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.131959	.000000	1.000000	.570837	.000000
2	.012700	.233081	.591238	1.000000	.671588	.939408
3	.025400	.289572	.683453	1.000000	.713961	1.119660
4	.038100	.321229	.724474	1.000000	.736803	1.205699
5	.050800	.348587	.755758	1.000000	.756207	1.274233
6	.063500	.372648	.780740	1.000000	.773071	1.330934
7	.076200	.398008	.804776	1.000000	.790582	1.387358
8	.088900	.423543	.827470	1.000000	.808380	1.442449
9	.101600	.446529	.846343	1.000000	.824204	1.489719
10	.114300	.470065	.864325	1.000000	.840220	1.536081
11	.127000	.494900	.882227	1.000000	.857149	1.583612
12	.139700	.517537	.897680	1.000000	.872615	1.625822
13	.152400	.538449	.911113	1.000000	.886750	1.663462
14	.165100	.560561	.925026	1.000000	.902114	1.703432
15	.177800	.584272	.938821	1.000000	.918125	1.744110
16	.190500	.605959	.950894	1.000000	.932815	1.780617
17	.203200	.624848	.960978	1.000000	.945599	1.811788
18	.215900	.643737	.970685	1.000000	.958375	1.842410
19	.228600	.661052	.979272	1.000000	.970078	1.870023
20	.241300	.675043	.985005	1.000000	.979531	1.892032
21	.254000	.684313	.990368	1.000000	.985792	1.906469
22	.266700	.693407	.994577	1.000000	.991933	1.920524
23	.279400	.700928	.998063	1.000000	.997010	1.932067
24	.292100	.706874	1.000680	1.000000	1.001024	1.941143
25	.304800	.710547	1.002318	1.000000	1.003502	1.946728
26	.317500	.715444	1.004486	1.000000	1.006807	1.954148
27	.330200	.718942	1.006023	1.000000	1.009167	1.959431
28	.342900	.719991	1.006482	1.000000	1.009875	1.961013
29	.355600	.723839	1.008159	1.000000	1.012471	1.966802
30	.368300	.724539	1.008462	1.000000	1.012943	1.967852
31	.381000	.726463	1.009295	1.000000	1.014241	1.970739
32	.393700	.726538	1.009371	1.000000	1.014359	1.971001
33	.406400	.727337	1.009673	1.000000	1.014831	1.972049
34	.419100	.727862	1.009899	1.000000	1.015185	1.972835
35	.431800	.727862	1.009899	1.000000	1.015185	1.972835
36	.444500	.728212	1.010050	1.000000	1.015421	1.973359
37	.457200	.728212	1.010050	1.000000	1.015421	1.973359
38	.469900	.728212	1.010050	1.000000	1.015421	1.973359
39	.482600	.728212	1.010050	1.000000	1.015421	1.973359
40	.495300	.728212	1.010050	1.000000	1.015421	1.973359
41	.508000	.728212	1.010050	1.000000	1.015421	1.973359
42	.533400	.728212	1.010050	1.000000	1.015421	1.973359
43	.558800	.728212	1.010050	1.000000	1.015421	1.973359

STATION X= 2.72 CM PTO= 10.050 N/SQ CM TTO=302.11K
R= 2.576 CM PWALL= 1.3896 N/SQ CM CF= .0025 PI = 0.791
UE= 503.4 M/SEC RHOE=.00855 KG/CUB M RE = 11.66E6 /M
DELTA= .288 CM DELTA*= .0700 CM THETA= .0215 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.138272	.000000	1.000000	.582160	.000000
2	.012700	.229233	.567331	1.000000	.672619	.881434
3	.025400	.282926	.663564	1.000000	.713416	1.061750
4	.038100	.322803	.717623	1.000000	.741776	1.170849
5	.050800	.350436	.750066	1.000000	.761070	1.239597
6	.063500	.376496	.777248	1.000000	.778730	1.299335
7	.076200	.402031	.802084	1.000000	.796184	1.355798
8	.088900	.425292	.822779	1.000000	.811784	1.404340
9	.101600	.451176	.844568	1.000000	.829339	1.457032
10	.114300	.472164	.860909	1.000000	.843329	1.497697
11	.127000	.493851	.876891	1.000000	.857749	1.538488
12	.139700	.517462	.893347	1.000000	.873413	1.581607
13	.152400	.540898	.908799	1.000000	.888931	1.623194
14	.165100	.561011	.921420	1.000000	.902228	1.657999
15	.177800	.583223	.934995	1.000000	.917195	1.696323
16	.190500	.603336	.946516	1.000000	.930473	1.729612
17	.203200	.621525	.956533	1.000000	.942471	1.759148
18	.215900	.639364	.966007	1.000000	.954229	1.787620
19	.228600	.660377	.977001	1.000000	.968397	1.821337
20	.241300	.673994	.983486	1.000000	.977031	1.841582
21	.254000	.686237	.989397	1.000000	.985086	1.860270
22	.266700	.697255	.994603	1.000000	.992333	1.876925
23	.279400	.705125	.998258	1.000000	.997508	1.888728
24	.292100	.711072	1.000985	1.000000	1.001417	1.897595
25	.304800	.717193	1.003763	1.000000	1.005441	1.906680
26	.317500	.720516	1.005258	1.000000	1.007625	1.911592
27	.330200	.723140	1.006432	1.000000	1.009349	1.915451
28	.342900	.724539	1.007056	1.000000	1.010268	1.917522
29	.355600	.725763	1.007600	1.000000	1.011073	1.919323
30	.368300	.726812	1.008066	1.000000	1.011762	1.920865
31	.381000	.726812	1.008066	1.000000	1.011762	1.920865
32	.393700	.727337	1.008299	1.000000	1.012107	1.921635
33	.406400	.727512	1.008376	1.000000	1.012222	1.921892
34	.419100	.727512	1.008376	1.000000	1.012222	1.921892
35	.431800	.727512	1.008376	1.000000	1.012222	1.921892
36	.444500	.727512	1.008376	1.000000	1.012222	1.921892
37	.457200	.727512	1.008376	1.000000	1.012222	1.921892
38	.469900	.727512	1.008376	1.000000	1.012222	1.921892
39	.482600	.727512	1.008376	1.000000	1.012222	1.921892
40	.495300	.727512	1.008376	1.000000	1.012222	1.921892
41	.508000	.727512	1.008376	1.000000	1.012222	1.921892
42	.533400	.727512	1.008376	1.000000	1.012222	1.921892
43	.558800	.727687	1.008454	1.000000	1.012337	1.922149

ID NO. 11216-004

STATION X= 2.97 CM PTO= 10.050 N/SQ CM TTO=302.11K
R= 2.576 CM PWALL= 1.6306 N/SQ CM CF= .0021 PI = 1.450
UE= 458.6 M/SEC RHOE=.01004 KG/CUB M RE = 11.287E6 /M
DELTA= .292 CM DELTA*= .0765 CM THETA= .0252 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.182156	.000000	1.000000	.653192	.000000
2	.012700	.226785	.418330	1.000000	.695397	.568387
3	.025400	.259840	.527515	1.000000	.722963	.730806
4	.038100	.288873	.595600	1.000000	.745176	.839115
5	.050800	.322803	.659446	1.000000	.769200	.942341
6	.063500	.353584	.707914	1.000000	.790598	1.025574
7	.076200	.378769	.735831	1.000000	.804204	1.075152
8	.088900	.406928	.758385	1.000000	.821378	1.134644
9	.101600	.432987	.795796	1.000000	.837029	1.186264
10	.114300	.462545	.824111	1.000000	.854446	1.241187
11	.127000	.491053	.849014	1.000000	.870908	1.290952
12	.139700	.517537	.871070	1.000000	.886459	1.336261
13	.152400	.542297	.889934	1.000000	.900578	1.376107
14	.165100	.567482	.908244	1.000000	.914943	1.415496
15	.177800	.593542	.926430	1.000000	.930060	1.455797
16	.190500	.616453	.941438	1.000000	.943071	1.489612
17	.203200	.637266	.954451	1.000000	.954867	1.519613
18	.215900	.656154	.965821	1.000000	.965555	1.546302
19	.228600	.671545	.974795	1.000000	.974253	1.567683
20	.241300	.685537	.982738	1.000000	.982152	1.586851
21	.254000	.696730	.988951	1.000000	.988467	1.602009
22	.266700	.705125	.993531	1.000000	.993200	1.613277
23	.279400	.711946	.997204	1.000000	.997044	1.622372
24	.292100	.717193	1.000000	1.000000	1.000000	1.629330
25	.304800	.720516	1.001758	1.000000	1.001872	1.633721
26	.317500	.724014	1.003597	1.000000	1.003842	1.638330
27	.330200	.725938	1.004605	1.000000	1.004925	1.640858
28	.342900	.726288	1.004787	1.000000	1.005122	1.641318
29	.355600	.727512	1.005426	1.000000	1.005811	1.642924
30	.368300	.727512	1.005426	1.000000	1.005811	1.642924
31	.381000	.727587	1.005517	1.000000	1.005910	1.643154
32	.393700	.728037	1.005700	1.000000	1.006107	1.643612
33	.406400	.728212	1.005791	1.000000	1.006205	1.643842
34	.419100	.728561	1.005973	1.000000	1.006402	1.644300
35	.431800	.728911	1.006155	1.000000	1.006599	1.644758
36	.444500	.729261	1.006337	1.000000	1.006796	1.645217
37	.457200	.729261	1.006337	1.000000	1.006796	1.645217
38	.469900	.730660	1.007063	1.000000	1.007584	1.647048
39	.482600	.739055	1.011385	1.000000	1.012308	1.657991
40	.495300	.753746	1.019099	1.000000	1.020903	1.677713
41	.508000	.771761	1.027960	1.000000	1.031039	1.700681
42	.533400	.805516	1.043893	1.000000	1.050015	1.742861
43	.558800	.814610	1.048045	1.000000	1.055123	1.754044

STATION X= 3.23 CM PTO= 10.050 N/SQ CM TTO=302.11K
R= 2.576 CM PWALL= 2.1979 N/SQ CM CF= .0009 PI = 4.714
UE= 429.8 M/SEC RHOE=.01132 KG/CUB M RE = 11.309E6 /M
DELTA= .258 CM DELTA*= .1030 CM THETA= .0310 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.218703	.000000	1.000000	.695357	.000000
2	.012700	.233956	.250245	1.000000	.708881	.311838
3	.025400	.245324	.325544	1.000000	.718556	.408429
4	.038100	.255468	.377544	1.000000	.726923	.476419
5	.050800	.269984	.437873	1.000000	.738492	.556926
6	.063500	.289572	.502962	1.000000	.753420	.646146
7	.076200	.311609	.561958	1.000000	.769375	.729541
8	.088900	.335045	.613703	1.000000	.785482	.805014
9	.101600	.359356	.658947	1.000000	.801360	.873054
10	.114300	.387164	.703013	1.000000	.818609	.941409
11	.127000	.418821	.748270	1.000000	.838357	1.014027
12	.139700	.444355	.773286	1.000000	.850244	1.055332
13	.152400	.467966	.799218	1.000000	.863358	1.099102
14	.165100	.502421	.833089	1.000000	.881799	1.157853
15	.177800	.528830	.856847	1.000000	.895692	1.200216
16	.190500	.561011	.883831	1.000000	.912511	1.249583
17	.203200	.595815	.910501	1.000000	.930309	1.299783
18	.215900	.629570	.935018	1.000000	.947788	1.347264
19	.228600	.661052	.956110	1.000000	.963750	1.389206
20	.241300	.692358	.975899	1.000000	.979563	1.429546
21	.254000	.726463	.996638	1.000000	.997067	1.472910
22	.266700	.746925	1.008307	1.000000	1.007363	1.497830
23	.279400	.772810	1.022523	1.000000	1.020363	1.528717
24	.292100	.794322	1.033903	1.000000	1.031151	1.553881
25	.304800	.812511	1.043237	1.000000	1.040262	1.574820
26	.317500	.824754	1.049376	1.000000	1.046389	1.588747
27	.330200	.841020	1.057363	1.000000	1.054524	1.607050
28	.342900	.855886	1.064500	1.000000	1.061953	1.623585
29	.355600	.866030	1.069283	1.000000	1.067020	1.634766
30	.368300	.876698	1.074240	1.000000	1.072346	1.646438
31	.381000	.876349	1.074078	1.000000	1.072171	1.646057
32	.393700	.871801	1.071974	1.000000	1.069901	1.641092
33	.406400	.862357	1.067559	1.000000	1.065185	1.630727
34	.419100	.855886	1.064500	1.000000	1.061953	1.623585
35	.431800	.847141	1.060321	1.000000	1.057583	1.613880
36	.444500	.840845	1.057279	1.000000	1.054436	1.606854
37	.457200	.837697	1.055747	1.000000	1.052862	1.603328
38	.469900	.833849	1.053866	1.000000	1.050938	1.599008
39	.482600	.830701	1.052318	1.000000	1.049364	1.595464
40	.495300	.830526	1.052232	1.000000	1.049276	1.595267
41	.508000	.830876	1.052405	1.000000	1.049451	1.595661
42	.533400	.829476	1.051715	1.000000	1.048752	1.594084
43	.558800	.831575	1.052749	1.000000	1.049801	1.596450

STATION X= 3.48 CM PTO= 10.050 N/SQ CM TTO=302.11K
R= 2.576 CM PWALL= 2.3659 N/SQ CM CF= .0005 PI = 7.863
UE= 448.4 M/SEC RHOE=.01268 KG/CUB M RE = 11.66E6 /M
DELTA= .326 CM DELTA*= .1467 CM THETA= .0377 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.235424	.000000	1.000000	.668442	.000000
2	.012700	.243750	.172628	1.000000	.675112	.223374
3	.025400	.249346	.221601	1.000000	.679505	.287674
4	.038100	.254243	.256024	1.000000	.683292	.333286
5	.050800	.262289	.302811	1.000000	.689401	.395950
6	.063500	.271908	.348761	1.000000	.696532	.458386
7	.076200	.283276	.394092	1.000000	.704731	.521006
8	.088900	.298317	.444166	1.000000	.715225	.591562
9	.101600	.315632	.492298	1.000000	.726848	.660972
10	.114300	.333996	.535551	1.000000	.738688	.724877
11	.127000	.357432	.582398	1.000000	.753140	.795960
12	.139700	.379644	.620405	1.000000	.766226	.855238
13	.152400	.407452	.661447	1.000000	.781859	.921069
14	.165100	.435436	.697127	1.000000	.796839	.980009
15	.177800	.463069	.730667	1.000000	.812212	1.037020
16	.190500	.500322	.762694	1.000000	.828169	1.093058
17	.203200	.532328	.791166	1.000000	.843499	1.144308
18	.215900	.566433	.819169	1.000000	.859719	1.196149
19	.228600	.605085	.848035	1.000000	.877732	1.251203
20	.241300	.642163	.873677	1.000000	.894933	1.301605
21	.254000	.684138	.900197	1.000000	.914020	1.355340
22	.266700	.719817	.921210	1.000000	.930161	1.399171
23	.279400	.757944	.942665	1.000000	.947644	1.445150
24	.292100	.795721	.962339	1.000000	.964639	1.488482
25	.304800	.830001	.979233	1.000000	.980019	1.526639
26	.317500	.856760	.991841	1.000000	.992003	1.555720
27	.330200	.881421	1.003042	1.000000	1.003031	1.582010
28	.342900	.900659	1.011518	1.000000	1.011626	1.602200
29	.355600	.917624	1.018811	1.000000	1.019198	1.619780
30	.368300	.928293	1.023313	1.000000	1.023957	1.630732
31	.381000	.937912	1.027318	1.000000	1.028247	1.640540
32	.393700	.945083	1.030271	1.000000	1.031443	1.647811
33	.406400	.949105	1.031916	1.000000	1.033236	1.651875
34	.419100	.952428	1.033268	1.000000	1.034717	1.655225
35	.431800	.954002	1.033907	1.000000	1.035418	1.656809
36	.444500	.954877	1.034261	1.000000	1.035808	1.657688
37	.457200	.954527	1.034119	1.000000	1.035652	1.657336
38	.469900	.953827	1.033836	1.000000	1.035340	1.656633
39	.482600	.953827	1.033836	1.000000	1.035340	1.656633
40	.495300	.951729	1.032984	1.000000	1.034405	1.654520
41	.508000	.948755	1.031773	1.000000	1.033080	1.651522
42	.533400	.940360	1.028330	1.000000	1.029338	1.643027
43	.558800	.926893	1.022726	1.000000	1.023333	1.629300

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STATION X= 3.73 CM PTO= 10.050 N/SQ CM TTO=302.11K
R= 2.576 CM PWALL= 2.4918 N/SQ CM CF= .0004 PI = 8.391
UE= 429.7 M/SEC RHOE=.01283 KG/CUB M RE = 12.8E6 /M
DELTA= .315 CM DELTA*= .1406 CM THETA= .0372 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.247948	.000000	1.000000	.695640	.000000
2	.012700	.258091	.193454	1.000000	.703655	.240018
3	.025400	.261239	.220582	1.000000	.706096	.274151
4	.038100	.265787	.254120	1.000000	.709586	.316613
5	.050800	.272083	.293346	1.000000	.714349	.366709
6	.063500	.279953	.334684	1.000000	.720193	.420094
7	.076200	.290622	.381766	1.000000	.727930	.481758
8	.088900	.306188	.438411	1.000000	.738863	.557378
9	.101600	.319130	.478099	1.000000	.747654	.611442
10	.114300	.338194	.528051	1.000000	.760152	.680946
11	.127000	.357782	.571683	1.000000	.772479	.743165
12	.139700	.383666	.620713	1.000000	.788051	.814994
13	.152400	.409551	.662483	1.000000	.802889	.877989
14	.165100	.438934	.703337	1.000000	.818941	.941406
15	.177800	.469715	.743068	1.000000	.836158	1.004985
16	.190500	.504345	.774479	1.000000	.850999	1.056723
17	.203200	.540898	.808869	1.000000	.868609	1.115005
18	.215900	.573778	.836816	1.000000	.884061	1.163745
19	.228600	.614005	.868001	1.000000	.902623	1.219720
20	.241300	.653006	.895970	1.000000	.920559	1.271470
21	.254000	.686761	.918611	1.000000	.936048	1.314521
22	.266700	.727862	.943944	1.000000	.954493	1.364016
23	.279400	.757419	.961100	1.000000	.967700	1.398382
24	.292100	.789600	.979245	1.000000	.982344	1.435523
25	.304800	.815485	.992920	1.000000	.993864	1.464079
26	.317500	.833149	1.001952	1.000000	1.001713	1.483219
27	.330200	.852038	1.011356	1.000000	1.010094	1.503390
28	.342900	.869353	1.019756	1.000000	1.017768	1.521625
29	.355600	.882295	1.025903	1.000000	1.023500	1.535101
30	.368300	.889116	1.029099	1.000000	1.026518	1.542152
31	.381000	.896986	1.032749	1.000000	1.030000	1.550244
32	.393700	.903457	1.035721	1.000000	1.032862	1.556864
33	.406400	.907480	1.037556	1.000000	1.034640	1.560964
34	.419100	.909229	1.038350	1.000000	1.035413	1.562743
35	.431800	.913951	1.040487	1.000000	1.037500	1.567536
36	.444500	.917274	1.041982	1.000000	1.038969	1.570898
37	.457200	.921122	1.043705	1.000000	1.040669	1.574783
38	.469900	.922346	1.044251	1.000000	1.041210	1.576017
39	.482600	.925319	1.045574	1.000000	1.042523	1.579008
40	.495300	.926893	1.046273	1.000000	1.043218	1.580590
41	.508000	.930216	1.047742	1.000000	1.044686	1.583923
42	.533400	.936688	1.050586	1.000000	1.047543	1.590393
43	.558800	.941935	1.052874	1.000000	1.049859	1.595617

STATION X= 3.99 CM PTO= 10.050 N/SQ CM TTO=302.11K
R= 2.576 CM PWALL= 2.5892 N/SQ CM CF= .0005 PI = 7.117
UE= 429.0 M/SEC RHOE=.01332 KG/CUB M RE = 13.25E6 /M
DELTA= .317 CM DELTA*= .1361 CM THETA= .0377 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.257639	.000000	1.000000	.696620	.000000
2	.012700	.272258	.227088	1.000000	.707691	.281901
3	.025400	.277854	.265288	1.000000	.711818	.330280
4	.038100	.283276	.296883	1.000000	.715759	.370638
5	.050800	.289572	.328977	1.000000	.720269	.411997
6	.063500	.299716	.373408	1.000000	.727389	.469946
7	.076200	.309685	.410862	1.000000	.734221	.519506
8	.088900	.322803	.453494	1.000000	.742975	.576819
9	.101600	.338368	.496953	1.000000	.753040	.636364
10	.114300	.355333	.537854	1.000000	.763640	.693568
11	.127000	.379119	.586890	1.000000	.777908	.763840
12	.139700	.406053	.633845	1.000000	.793313	.833079
13	.152400	.431763	.672374	1.000000	.807351	.891504
14	.165100	.462719	.712602	1.000000	.823483	.954235
15	.177800	.497699	.754273	1.000000	.841940	1.021293
16	.190500	.531104	.782129	1.000000	.855363	1.067418
17	.203200	.572904	.819420	1.000000	.874825	1.130962
18	.215900	.611381	.850081	1.000000	.892226	1.184892
19	.228600	.649159	.877636	1.000000	.909042	1.234774
20	.241300	.683438	.900616	1.000000	.923990	1.277480
21	.254000	.721391	.924858	1.000000	.940742	1.323705
22	.266700	.758119	.946502	1.000000	.956617	1.366066
23	.279400	.789250	.963864	1.000000	.970021	1.400836
24	.292100	.817583	.979327	1.000000	.982492	1.432429
25	.304800	.839620	.990636	1.000000	.991947	1.455926
26	.317500	.859384	1.000475	1.000000	1.000414	1.476649
27	.330200	.877223	1.009123	1.000000	1.008047	1.495083
28	.342900	.887192	1.013863	1.000000	1.012308	1.505278
29	.355600	.892614	1.016414	1.000000	1.014625	1.510790
30	.368300	.901359	1.020488	1.000000	1.018359	1.519636
31	.381000	.909404	1.024195	1.000000	1.021794	1.527725
32	.393700	.911678	1.025235	1.000000	1.022764	1.530002
33	.406400	.912377	1.025554	1.000000	1.023062	1.530702
34	.419100	.912902	1.025794	1.000000	1.023286	1.531227
35	.431800	.915175	1.026829	1.000000	1.024256	1.533499
36	.444500	.915175	1.026829	1.000000	1.024256	1.533499
37	.457200	.915350	1.026909	1.000000	1.024331	1.533674
38	.469900	.915350	1.026909	1.000000	1.024331	1.533674
39	.482600	.915700	1.027068	1.000000	1.024480	1.534023
40	.495300	.916050	1.027227	1.000000	1.024629	1.534372
41	.508000	.916400	1.027385	1.000000	1.024779	1.534721
42	.533400	.916575	1.027465	1.000000	1.024853	1.534895
43	.558800	.917099	1.027703	1.000000	1.025077	1.535419

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STATION X= 4.24 CM PTO= 10.050 N/SQ CM TTO=302.11K

R= 2.576 CM PWALL= 2.6166 N/SQ CM CF= .0008 PI = 5,199

UE= 429.4 M/SEC RHOE=.01347 KG/CUB M [redacted]/M

DELTA= .306 CM DELTA*= .1217 CM THETA= .0364 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.260369	.000000	1.000000	.696049	.000000
2	.012700	.285725	.293606	1.000000	.714778	.366790
3	.025400	.295519	.341918	1.000000	.721694	.429206
4	.038100	.300766	.364449	1.000000	.725332	.458641
5	.050800	.311609	.405723	1.000000	.732709	.513172
6	.063500	.321229	.437770	1.000000	.739102	.556116
7	.076200	.333821	.474864	1.000000	.747266	.606561
8	.088900	.351486	.519916	1.000000	.758357	.669017
9	.101600	.368625	.557775	1.000000	.768744	.722631
10	.114300	.391887	.602280	1.000000	.782302	.787141
11	.127000	.416722	.643183	1.000000	.796158	.848010
12	.139700	.443131	.680985	1.000000	.810258	.905767
13	.152400	.477761	.723776	1.000000	.827866	.973086
14	.165100	.508892	.759597	1.000000	.844081	1.031199
15	.177800	.549118	.792665	1.000000	.860358	1.086416
16	.190500	.582348	.821319	1.000000	.875572	1.135599
17	.203200	.626247	.855415	1.000000	.895138	1.195884
18	.215900	.665599	.883299	1.000000	.912430	1.246736
19	.228600	.706874	.910012	1.000000	.930184	1.296876
20	.241300	.738006	.929338	1.000000	.943812	1.334085
21	.254000	.770362	.947984	1.000000	.957628	1.370776
22	.266700	.803417	.966067	1.000000	.971692	1.407145
23	.279400	.829826	.980248	1.000000	.983207	1.436234
24	.292100	.852563	.991719	1.000000	.992850	1.460150
25	.304800	.867254	.998935	1.000000	.999072	1.475376
26	.317500	.881421	1.005754	1.000000	1.005066	1.489896
27	.330200	.886492	1.008163	1.000000	1.007210	1.495057
28	.342900	.891215	1.010391	1.000000	1.009206	1.499845
29	.355600	.896112	1.012686	1.000000	1.011276	1.504793
30	.368300	.903982	1.016343	1.000000	1.014600	1.512707
31	.381000	.903457	1.016101	1.000000	1.014379	1.512181
32	.393700	.905731	1.017151	1.000000	1.015339	1.514460
33	.406400	.906256	1.017392	1.000000	1.015560	1.514985
34	.419100	.904857	1.016747	1.000000	1.014970	1.513583
35	.431800	.904507	1.016586	1.000000	1.014822	1.513233
36	.444500	.902933	1.015858	1.000000	1.014157	1.511654
37	.457200	.902233	1.015534	1.000000	1.013862	1.510952
38	.469900	.901359	1.015128	1.000000	1.013492	1.510074
39	.482600	.900484	1.014723	1.000000	1.013123	1.509195
40	.495300	.899435	1.014235	1.000000	1.012680	1.508140
41	.508000	.896462	1.012850	1.000000	1.011423	1.505145
42	.533400	.893313	1.011377	1.000000	1.010093	1.501968
43	.558800	.891040	1.010309	1.000000	1.009132	1.499668

STATION X= 4.50 CM PTO= 10.050 N/SQ CM TTO=302.11K
R= 2.576 CM PWALL= 2.5213 N/SQ CM CF= .0012 PI = 3.377
UE= 433.1 M/SEC RHOE=.01308 KG/CUB M RE = 13.23E6 /M
DELTA= .298 CM DELTA*= .1043 CM THETA= .0340 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.250882	.000000	1.000000	.690766	.000000
2	.012700	.297268	.391163	1.000000	.725074	.498324
3	.025400	.312309	.442890	1.000000	.735372	.568213
4	.038100	.322103	.472052	1.000000	.741888	.608305
5	.050800	.333296	.502073	1.000000	.749165	.650157
6	.063500	.343965	.528015	1.000000	.755939	.686834
7	.076200	.360930	.564950	1.000000	.766409	.739951
8	.088900	.377545	.596999	1.000000	.776328	.786971
9	.101600	.398708	.633164	1.000000	.788520	.841172
10	.114300	.425117	.672559	1.000000	.803102	.901734
11	.127000	.452925	.708687	1.000000	.817774	.958812
12	.139700	.486855	.749570	1.000000	.836020	1.025376
13	.152400	.520785	.778523	1.000000	.850097	1.073911
14	.165100	.554190	.808145	1.000000	.865579	1.124877
15	.177800	.590394	.837781	1.000000	.882255	1.177309
16	.190500	.632543	.869579	1.000000	.901587	1.235308
17	.203200	.672770	.896809	1.000000	.919436	1.286540
18	.215900	.705125	.917699	1.000000	.934008	1.326901
19	.228600	.741504	.939396	1.000000	.950014	1.369861
20	.241300	.774559	.958008	1.000000	.964499	1.407611
21	.254000	.802542	.973393	1.000000	.977035	1.439482
22	.266700	.824404	.984693	1.000000	.986582	1.463289
23	.279400	.836997	.991037	1.000000	.992074	1.476810
24	.292100	.852213	.998550	1.000000	.998704	1.492969
25	.304800	.858334	1.001526	1.000000	1.001369	1.499415
26	.317500	.864630	1.004561	1.000000	1.004109	1.506015
27	.330200	.870752	1.007485	1.000000	1.006773	1.512401
28	.342900	.875124	1.009559	1.000000	1.008674	1.516945
29	.355600	.872851	1.008482	1.000000	1.007685	1.514584
30	.368300	.872851	1.008482	1.000000	1.007685	1.514584
31	.381000	.872851	1.008482	1.000000	1.007685	1.514584
32	.393700	.871451	1.007818	1.000000	1.007077	1.513129
33	.406400	.868653	1.006485	1.000000	1.005860	1.510215
34	.419100	.870577	1.007402	1.000000	1.006696	1.512219
35	.431800	.866554	1.005483	1.000000	1.004947	1.508025
36	.444500	.865855	1.005148	1.000000	1.004642	1.507295
37	.457200	.865855	1.005148	1.000000	1.004642	1.507295
38	.469900	.863231	1.003889	1.000000	1.003501	1.504551
39	.482600	.861482	1.003047	1.000000	1.002739	1.502719
40	.495300	.860083	1.002372	1.000000	1.002130	1.501252
41	.508000	.857460	1.001102	1.000000	1.000989	1.498496
42	.533400	.852738	.998806	1.000000	.998932	1.493522
43	.558800	.848190	.996579	1.000000	.996952	1.488715

STATION X= 4.75 CM PTO= 10.050 N/SQ CM TTO=302.11K
R= 2.576 CM PWALL= 2.3344 N/SQ CM CF= .0016 PI = 2.170
UE= 443.8 M/SEC RHOE=.01239 KG/CUB M RE = 13.08E6 /M
DELTA= .306 CM DELTA*= .0931 CM THETA= .0319 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.232284	.000000	1.000000	.675272	.000000
2	.012700	.307412	.486772	1.000000	.731561	.645588
3	.025400	.329449	.540945	1.000000	.746176	.724568
4	.038100	.339418	.562368	1.000000	.752556	.756478
5	.050800	.349562	.582589	1.000000	.758917	.786982
6	.063500	.365302	.611291	1.000000	.768528	.830965
7	.076200	.381918	.638628	1.000000	.778357	.873660
8	.088900	.402730	.669361	1.000000	.790247	.922671
9	.101600	.424942	.698641	1.000000	.802462	.970446
10	.114300	.451001	.731690	1.000000	.817372	1.025752
11	.127000	.474787	.751856	1.000000	.827098	1.060274
12	.139700	.507318	.783606	1.000000	.843453	1.115921
13	.152400	.541423	.813334	1.000000	.860013	1.169570
14	.165100	.573429	.838982	1.000000	.875355	1.217167
15	.177800	.606834	.863943	1.000000	.891303	1.264745
16	.190500	.644611	.890150	1.000000	.909217	1.316140
17	.203200	.681864	.913851	1.000000	.926538	1.363994
18	.215900	.714395	.933282	1.000000	.941596	1.404270
19	.228600	.744127	.950483	1.000000	.955617	1.440759
20	.241300	.770187	.964589	1.000000	.967629	1.471301
21	.254000	.792049	.975982	1.000000	.977687	1.496396
22	.266700	.810413	.985260	1.000000	.986123	1.517125
23	.279400	.823005	.991475	1.000000	.991902	1.531164
24	.292100	.835423	.997492	1.000000	.997597	1.544871
25	.304800	.840320	.999835	1.000000	.999842	1.550241
26	.317500	.845567	1.002327	1.000000	1.002246	1.555973
27	.330200	.848015	1.003484	1.000000	1.003368	1.558639
28	.342900	.849939	1.004390	1.000000	1.004249	1.560731
29	.355600	.849415	1.004143	1.000000	1.004009	1.560161
30	.368300	.849415	1.004143	1.000000	1.004009	1.560161
31	.381000	.848890	1.003896	1.000000	1.003768	1.559591
32	.393700	.846441	1.002741	1.000000	1.002647	1.556926
33	.406400	.845392	1.002245	1.000000	1.002166	1.555782
34	.419100	.841894	1.000585	1.000000	1.000563	1.551963
35	.431800	.840145	.999752	1.000000	.999762	1.550050
36	.444500	.838221	.998833	1.000000	.998880	1.547942
37	.457200	.835598	.997576	1.000000	.997677	1.545064
38	.469900	.833324	.996483	1.000000	.996635	1.542564
39	.482600	.831225	.995471	1.000000	.995673	1.540253
40	.495300	.828952	.994371	1.000000	.994630	1.537744
41	.508000	.827203	.993522	1.000000	.993826	1.535812
42	.533400	.822830	.991390	1.000000	.991822	1.530970
43	.558800	.819507	.989761	1.000000	.990298	1.527278

ID NO. 11216-012

STATION X= 5.26 CM PTO= 10.050 N/SQ CM TTO=302.11K
R= 2.576 CM PWALL= 1.8896 N/SQ CM CF= .0022 PI = 1.094
UE= 472.1 M/SEC RHOE=.01070 KG/CUB M RE = 12.72E6 /M
DELTA= .338 CM DELTA*= .0836 CM THETA= .0285 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.188025	.000000	1.000000	.632547	.000000
2	.012700	.298317	.579867	1.000000	.721719	.839559
3	.025400	.345539	.659026	1.000000	.752665	.974412
4	.038100	.360580	.682373	1.000000	.763115	1.015912
5	.050800	.373348	.698356	1.000000	.770654	1.044831
6	.063500	.386115	.709283	1.000000	.775998	1.064852
7	.076200	.399757	.724655	1.000000	.783786	1.093376
8	.088900	.418296	.744749	1.000000	.794466	1.131324
9	.101600	.438934	.765225	1.000000	.805966	1.170811
10	.114300	.459921	.784929	1.000000	.817659	1.209639
11	.127000	.482483	.804896	1.000000	.830176	1.249868
12	.139700	.515013	.831576	1.000000	.848033	1.305111
13	.152400	.541073	.851227	1.000000	.862077	1.346969
14	.165100	.565383	.868536	1.000000	.875122	1.384718
15	.177800	.597389	.890323	1.000000	.892508	1.433484
16	.190500	.626422	.908611	1.000000	.907997	1.475569
17	.203200	.649683	.922535	1.000000	.920375	1.508358
18	.215900	.675568	.937334	1.000000	.934121	1.543956
19	.228600	.697430	.949304	1.000000	.945710	1.573345
20	.241300	.720516	.961458	1.000000	.957932	1.603752
21	.254000	.738006	.970353	1.000000	.967180	1.626383
22	.266700	.752697	.977628	1.000000	.974942	1.645138
23	.279400	.765290	.983726	1.000000	.981591	1.661034
24	.292100	.777707	.989619	1.000000	.988144	1.676554
25	.304800	.785228	.993417	1.000000	.992435	1.686638
26	.317500	.792398	.996729	1.000000	.996220	1.695485
27	.330200	.797470	.999049	1.000000	.998897	1.701713
28	.342900	.800619	1.000480	1.000000	1.000558	1.705567
29	.355600	.803242	1.001667	1.000000	1.001942	1.708772
30	.368300	.805865	1.002849	1.000000	1.003326	1.711970
31	.381000	.806740	1.003243	1.000000	1.003788	1.713034
32	.393700	.807439	1.003557	1.000000	1.004157	1.713886
33	.406400	.807614	1.003635	1.000000	1.004249	1.714098
34	.419100	.808314	1.003949	1.000000	1.004618	1.714949
35	.431800	.808839	1.004184	1.000000	1.004895	1.715587
36	.444500	.809188	1.004340	1.000000	1.005079	1.716012
37	.457200	.809713	1.004575	1.000000	1.005356	1.716649
38	.469900	.809713	1.004575	1.000000	1.005356	1.716649
39	.482600	.809713	1.004575	1.000000	1.005356	1.716649
40	.495300	.809713	1.004575	1.000000	1.005356	1.716649
41	.508000	.809713	1.004575	1.000000	1.005356	1.716649
42	.533400	.809713	1.004575	1.000000	1.005356	1.716649
43	.558800	.809713	1.004575	1.000000	1.005356	1.716649

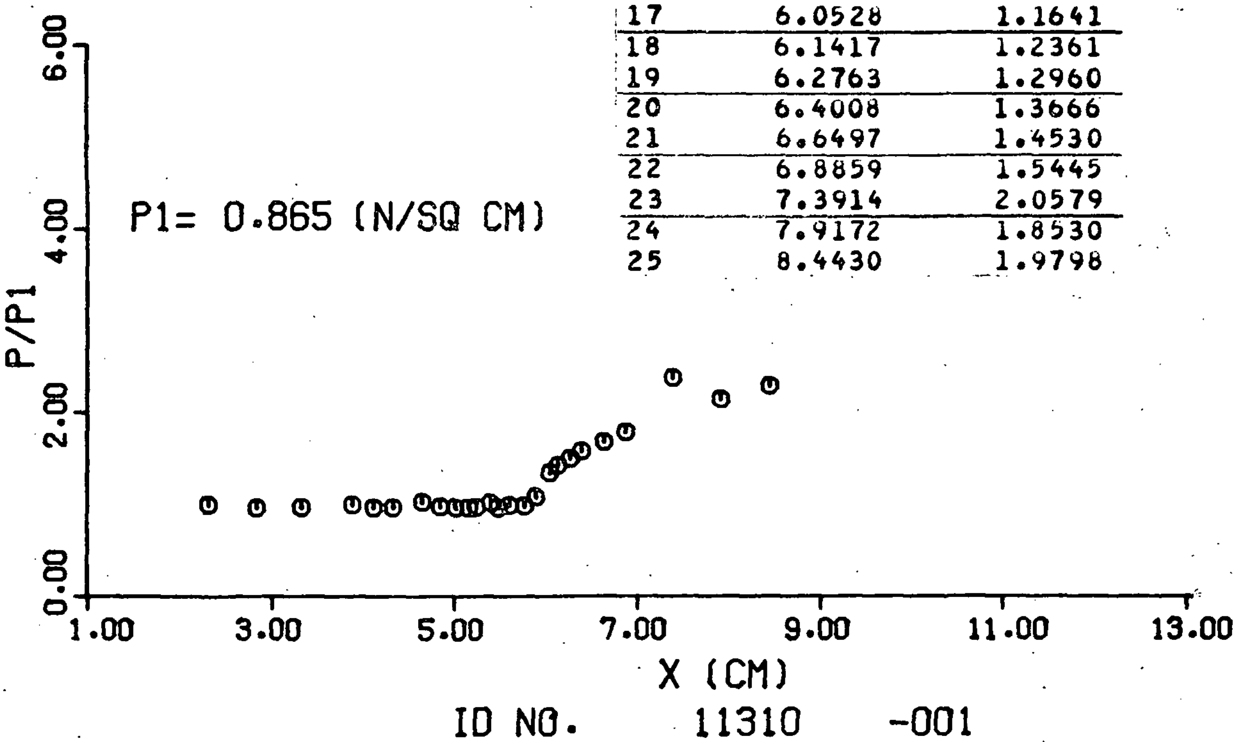
STATION X= 5.77 CM PTO= 10.050 N/SQ CM TTO=302.11K
R= 2.576 CM PWALL= 1.5633 N/SQ CM CF= .0024 PI = 0.707
UE= 498.8 M/SEC RHOE=.00962 KG/CUB M RE = 12.85E6 /M
DELTA= .398 CM DELTA*= .0877 CM THETA= .0283 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.157552	.000000	1.000000	.589793	.000000
2	.012700	.271033	.591626	1.000000	.688674	.915569
3	.025400	.342391	.695233	1.000000	.735653	1.111996
4	.038100	.372823	.729955	1.000000	.754763	1.182601
5	.050800	.389438	.746963	1.000000	.764849	1.218214
6	.063500	.400806	.758465	1.000000	.771960	1.242709
7	.076200	.412699	.769699	1.000000	.779141	1.266967
8	.088900	.425991	.781782	1.000000	.787137	1.293444
9	.101600	.442606	.796611	1.000000	.797355	1.326504
10	.114300	.459047	.810292	1.000000	.807196	1.357587
11	.127000	.474438	.822564	1.000000	.816380	1.385967
12	.139700	.495250	.838407	1.000000	.828763	1.423334
13	.152400	.515538	.853416	1.000000	.841073	1.459534
14	.165100	.535301	.867064	1.000000	.852787	1.493167
15	.177800	.555065	.880113	1.000000	.864477	1.525991
16	.190500	.575353	.892933	1.000000	.876455	1.558908
17	.203200	.601587	.908716	1.000000	.891916	1.600393
18	.215900	.620825	.919765	1.000000	.903236	1.630100
19	.228600	.643212	.932106	1.000000	.916392	1.663958
20	.241300	.664549	.943655	1.000000	.929222	1.696328
21	.254000	.682039	.952573	1.000000	.939490	1.721794
22	.266700	.702677	.962738	1.000000	.951596	1.751343
23	.279400	.717893	.969998	1.000000	.960516	1.772800
24	.292100	.732584	.976827	1.000000	.969123	1.793262
25	.304800	.741329	.980811	1.000000	.974244	1.805327
26	.317500	.753222	.986135	1.000000	.981207	1.821602
27	.330200	.760742	.989448	1.000000	.985609	1.831816
28	.342900	.768613	.992870	1.000000	.990214	1.842442
29	.355600	.774034	.995202	1.000000	.993386	1.849725
30	.368300	.778757	.997217	1.000000	.996149	1.856044
31	.381000	.781205	.998255	1.000000	.997581	1.859312
32	.393700	.784703	.999732	1.000000	.999627	1.863971
33	.406400	.786277	1.000393	1.000000	1.000547	1.866063
34	.419100	.788026	1.001126	1.000000	1.001570	1.868385
35	.431800	.789600	1.001784	1.000000	1.002491	1.870472
36	.444500	.791174	1.002441	1.000000	1.003411	1.872557
37	.457200	.791174	1.002441	1.000000	1.003411	1.872557
38	.469900	.791349	1.002514	1.000000	1.003513	1.872788
39	.482600	.791349	1.002514	1.000000	1.003513	1.872788
40	.495300	.792049	1.002805	1.000000	1.003922	1.873714
41	.508000	.792049	1.002805	1.000000	1.003922	1.873714
42	.533400	.793973	1.003604	1.000000	1.005047	1.876257
43	.558800	.792923	1.003168	1.000000	1.004434	1.874870

ID NO. 11310-001

PTO= 23.6632 N/SQ CM
TTO= 300.2222 K
PBAR= 766.7000 MMHG
TMAN= 298.4444 K

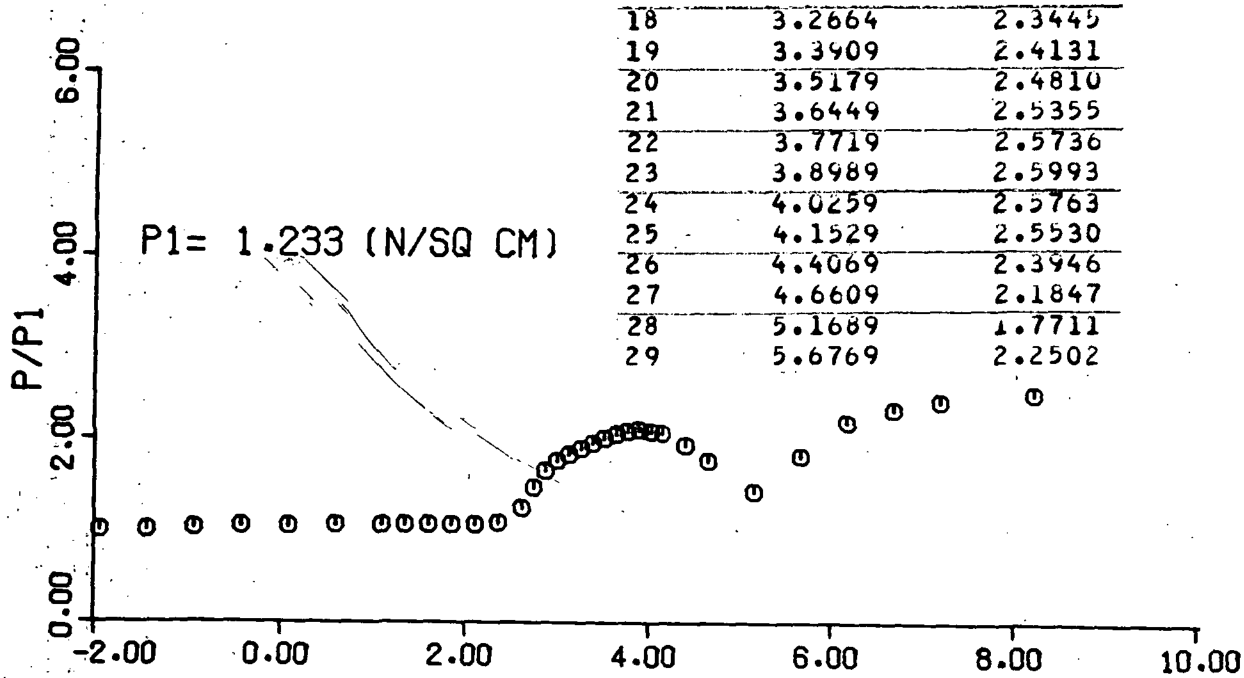
I	X(CM)	P(N/SQ CM)
1	2.3114	.8645
2	2.8346	.8344
3	3.3223	.8385
4	3.8811	.8625
5	4.1173	.8361
6	4.3282	.8357
7	4.6533	.8902
8	4.8463	.8436
9	5.0165	.8371
10	5.1613	.8371
11	5.2527	.8402
12	5.4026	.8817
13	5.4889	.8354
14	5.6134	.8570
15	5.7760	.8498
16	5.9004	.9355
17	6.0528	1.1641
18	6.1417	1.2361
19	6.2763	1.2960
20	6.4008	1.3666
21	6.6497	1.4530
22	6.8859	1.5445
23	7.3914	2.0579
24	7.9172	1.8530
25	8.4430	1.9798



ID NO. 11217-001

PTO= 10.0883 N/SQ CM
TTO= 297.8333 K
PBAR= 760.8000 MMHG
TMAN= 300.5556 K

I	X(CM)	P(N/SQ CM)
1	-1.9406	1.2330
2	-1.4326	1.2368
3	-.9246	1.2612
4	-.4166	1.2920
5	.0914	1.2920
6	.5994	1.3133
7	1.1074	1.3075
8	1.3614	1.3109
9	1.6154	1.3123
10	1.8694	1.3109
11	2.1234	1.3119
12	2.3774	1.3380
13	2.6314	1.5410
14	2.7584	1.8133
15	2.8854	2.0386
16	3.0124	2.1744
17	3.1394	2.2660
18	3.2664	2.3445
19	3.3909	2.4131
20	3.5179	2.4810
21	3.6449	2.5355
22	3.7719	2.5736
23	3.8989	2.5993
24	4.0259	2.5763
25	4.1529	2.5530
26	4.4069	2.3946
27	4.6609	2.1847
28	5.1689	1.7711
29	5.6769	2.2502



ID NO. 11217 -001

STATION X= 4.14 CM PTO= 23.669 N/SQ CM TTO=299.44K
R= 2.588 CM PWALL= .8361 N/SQ CM CF= .0019 PI = 0,692
UE= 607.5 M/SEC RHOE=.00783 KG/CUB M RE = 19.09E6 /M
DELTA= .335 CM DELTA*= .0975 CM THETA= .0187 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.035325	.000000	1.000000	.386031	.000000
2	.012700	.083268	.595105	1.000000	.493290	1.178669
3	.025400	.114152	.693842	1.000000	.548008	1.448443
4	.038100	.132327	.737257	1.000000	.579384	1.582520
5	.050800	.147621	.768715	1.000000	.605832	1.687287
6	.063500	.159960	.791143	1.000000	.626967	1.766545
7	.076200	.170894	.809286	1.000000	.645661	1.833799
8	.088900	.181534	.825585	1.000000	.663825	1.896862
9	.101600	.192616	.841314	1.000000	.682725	1.960326
10	.114300	.205250	.857879	1.000000	.704249	2.030188
11	.127000	.217367	.872723	1.000000	.725113	2.095688
12	.139700	.229484	.886357	1.000000	.745741	2.158490
13	.152400	.242044	.899509	1.000000	.767110	2.221681
14	.165100	.255122	.912254	1.000000	.789349	2.285587
15	.177800	.267608	.923615	1.000000	.810573	2.344955
16	.190500	.280020	.934204	1.000000	.831665	2.402498
17	.203200	.292802	.944443	1.000000	.853377	2.460330
18	.215900	.304771	.953474	1.000000	.873704	2.513265
19	.228600	.318366	.963138	1.000000	.896785	2.572053
20	.241300	.329005	.970297	1.000000	.914845	2.617132
21	.254000	.340457	.977637	1.000000	.934282	2.664794
22	.266700	.348954	.982962	1.000000	.949006	2.700342
23	.279400	.358042	.988339	1.000000	.964436	2.737096
24	.292100	.365578	.992648	1.000000	.977230	2.767201
25	.304800	.371267	.995814	1.000000	.986887	2.789712
26	.317500	.375626	.998192	1.000000	.994287	2.806837
27	.330200	.378507	.999741	1.000000	.999178	2.818099
28	.342900	.379542	1.000293	1.000000	1.000934	2.822131
29	.355600	.380650	1.000882	1.000000	1.002815	2.826444
30	.368300	.381610	1.001390	1.000000	1.004445	2.830177
31	.381000	.382128	1.001663	1.000000	1.005323	2.832185
32	.393700	.382128	1.001663	1.000000	1.005323	2.832185
33	.406400	.382128	1.001663	1.000000	1.005323	2.832185
34	.419100	.382128	1.001663	1.000000	1.005323	2.832185
35	.431800	.382128	1.001663	1.000000	1.005323	2.832185
36	.444500	.382128	1.001663	1.000000	1.005323	2.832185
37	.457200	.382128	1.001663	1.000000	1.005323	2.832185
38	.469900	.382128	1.001663	1.000000	1.005323	2.832185
39	.482600	.382423	1.001819	1.000000	1.005824	2.833332
40	.495300	.382423	1.001819	1.000000	1.005824	2.833332
41	.508000	.382423	1.001819	1.000000	1.005824	2.833332
42	.520700	.382571	1.001897	1.000000	1.006075	2.833905
43	.533400	.382571	1.001897	1.000000	1.006075	2.833905

STATION X= 4.32 CM PTO= 23.669 N/SQ CM TTO=299.44K
R= 2.588 CM PWALL= .8357 N/SQ CM CF= .0019 PI = 0.698
UE= 607.5 M/SEC RHOE=.00782 KG/CUB M RE = 19.05E6 /M
DELTA= .343 CM DELTA*= .0996 CM THETA= .0191 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.035310	.000000	1.000000	.386128	.000000
2	.012700	.081052	.586619	1.000000	.489542	1.157202
3	.025400	.113856	.693245	1.000000	.547715	1.446513
4	.038100	.132475	.737756	1.000000	.579877	1.583942
5	.050800	.147178	.768043	1.000000	.605328	1.684764
6	.063500	.158408	.788620	1.000000	.624580	1.757194
7	.076200	.169269	.806859	1.000000	.643165	1.824386
8	.088900	.179834	.823239	1.000000	.661218	1.887368
9	.101600	.190474	.838540	1.000000	.679377	1.948665
10	.114300	.202960	.855150	1.000000	.700667	2.018162
11	.127000	.213525	.868197	1.000000	.718666	2.075104
12	.139700	.225568	.882231	1.000000	.739420	2.138877
13	.152400	.237833	.895376	1.000000	.760304	2.201188
14	.165100	.249433	.906993	1.000000	.780046	2.258511
15	.177800	.262141	.918903	1.000000	.801665	2.319659
16	.190500	.275366	.930480	1.000000	.824156	2.381606
17	.203200	.286744	.939838	1.000000	.843499	2.433623
18	.215900	.300265	.950301	1.000000	.866478	2.494009
19	.228600	.314672	.960738	1.000000	.890957	2.556768
20	.241300	.325459	.968114	1.000000	.909281	2.602757
21	.254000	.336689	.975427	1.000000	.928355	2.649780
22	.266700	.345260	.980882	1.000000	.943212	2.685836
23	.279400	.354495	.986429	1.000000	.958903	2.723399
24	.292100	.362622	.991137	1.000000	.972710	2.756028
25	.304800	.368902	.994670	1.000000	.983378	2.780977
26	.317500	.372892	.996868	1.000000	.990156	2.796711
27	.330200	.376143	.998634	1.000000	.995677	2.809465
28	.342900	.378729	1.000022	1.000000	1.000070	2.819569
29	.355600	.380354	1.000887	1.000000	1.002831	2.825902
30	.368300	.381610	1.001552	1.000000	1.004964	2.830785
31	.381000	.382497	1.002020	1.000000	1.006470	2.834227
32	.393700	.383014	1.002292	1.000000	1.007348	2.836233
33	.406400	.383236	1.002408	1.000000	1.007725	2.837093
34	.419100	.383605	1.002602	1.000000	1.008352	2.838524
35	.431800	.383605	1.002602	1.000000	1.008352	2.838524
36	.444500	.383384	1.002485	1.000000	1.007976	2.837665
37	.457200	.383310	1.002447	1.000000	1.007850	2.837379
38	.469900	.383384	1.002485	1.000000	1.007976	2.837665
39	.482600	.383236	1.002408	1.000000	1.007725	2.837093
40	.495300	.383236	1.002408	1.000000	1.007725	2.837093
41	.508000	.382793	1.002175	1.000000	1.006972	2.835374
42	.520700	.382645	1.002097	1.000000	1.006721	2.834801
43	.533400	.382793	1.002175	1.000000	1.006972	2.835374

STATION X= 7.19 CM PTO= 23.669 N/SQ CM TTO=299.44K
R= 2.588 CM PWALL= .8392 N/SQ CM CF= .0019 PI = 0.643
UE= 606.8 M/SEC RHOE=.00783 KG/CUB M RE = 19.00E6 /M
DELTA= .354 CM DELTA*= .0999 CM THETA= .0193 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.035455	.000000	1.000000	.387566	.000000
2	.012700	.085707	.604231	1.000000	.499182	1.199980
3	.025400	.117255	.701611	1.000000	.554836	1.468995
4	.038100	.134544	.741918	1.000000	.584661	1.594592
5	.050800	.148803	.770890	1.000000	.609335	1.691462
6	.063500	.159369	.790087	1.000000	.627439	1.759147
7	.076200	.170156	.808115	1.000000	.645889	1.825549
8	.088900	.180278	.823767	1.000000	.663179	1.885650
9	.101600	.191286	.839568	1.000000	.681961	1.948843
10	.114300	.202517	.854523	1.000000	.701103	2.011204
11	.127000	.214707	.869580	1.000000	.721865	2.076726
12	.139700	.226529	.883305	1.000000	.742234	2.139059
13	.152400	.237464	.895034	1.000000	.760847	2.194471
14	.165100	.247955	.905623	1.000000	.778698	2.246329
15	.177800	.260885	.917863	1.000000	.800688	2.308611
16	.190500	.273002	.928599	1.000000	.821287	2.365469
17	.203200	.285118	.938692	1.000000	.841880	2.420973
18	.215900	.298787	.949380	1.000000	.865103	2.482078
19	.228600	.309500	.957284	1.000000	.883300	2.528927
20	.241300	.320804	.965211	1.000000	.902498	2.577429
21	.254000	.332035	.972697	1.000000	.921566	2.624718
22	.266700	.342895	.979597	1.000000	.940005	2.669647
23	.279400	.350801	.984530	1.000000	.953732	2.702611
24	.292100	.358485	.989068	1.000000	.966782	2.733581
25	.304800	.364765	.992672	1.000000	.977446	2.758632
26	.317500	.369937	.995572	1.000000	.986229	2.779092
27	.330200	.373779	.997687	1.000000	.992752	2.794193
28	.342900	.376291	.999053	1.000000	.997018	2.804022
29	.355600	.378286	1.000128	1.000000	1.000405	2.811804
30	.368300	.379542	1.000801	1.000000	1.002537	2.816692
31	.381000	.380428	1.001273	1.000000	1.004043	2.820137
32	.393700	.381167	1.001666	1.000000	1.005297	2.823005
33	.406400	.381389	1.001783	1.000000	1.005674	2.823865
34	.419100	.382054	1.002136	1.000000	1.006803	2.826442
35	.431800	.382349	1.002292	1.000000	1.007304	2.827587
36	.444500	.382645	1.002448	1.000000	1.007806	2.828732
37	.457200	.382866	1.002565	1.000000	1.008182	2.829590
38	.469900	.383014	1.002643	1.000000	1.008433	2.830162
39	.482600	.383162	1.002720	1.000000	1.008684	2.830733
40	.495300	.383384	1.002837	1.000000	1.009061	2.831591
41	.508000	.383384	1.002837	1.000000	1.009061	2.831591
42	.520700	.383236	1.002759	1.000000	1.008810	2.831019
43	.533400	.383014	1.002643	1.000000	1.008433	2.830162

STATION X= 4.85 CM PTO= 23.669 N/SQ CM TTO=299.44K
R= 2.588 CM PWALL= .8436 N/SQ CM CF= .0019 PI = 0.700
UE= 605.2 M/SEC RHOE=.00781 KG/CUB M RE = 18.73E6 /M
DELTA= .347 CM DELTA*= .1005 CM THETA= .0195 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.035643	.000000	1.000000	.390675	.000000
2	.012700	.082825	.592762	1.000000	.497103	1.167092
3	.025400	.111344	.686029	1.000000	.547754	1.417871
4	.038100	.131441	.735496	1.000000	.582764	1.567937
5	.050800	.145700	.765152	1.000000	.607330	1.665181
6	.063500	.156709	.785927	1.000000	.626452	1.737111
7	.076200	.166535	.802814	1.000000	.643315	1.798160
8	.088900	.177618	.820419	1.000000	.662305	1.864517
9	.101600	.188848	.836891	1.000000	.681525	1.929352
10	.114300	.199340	.851182	1.000000	.699461	1.987953
11	.127000	.210865	.865798	1.000000	.719149	2.050350
12	.139700	.223647	.880992	1.000000	.741214	2.118095
13	.152400	.236134	.894610	1.000000	.762529	2.181541
14	.165100	.248029	.906711	1.000000	.782824	2.240283
15	.177800	.259481	.917639	1.000000	.802355	2.295393
16	.190500	.271302	.928247	1.000000	.822508	2.350905
17	.203200	.283493	.938534	1.000000	.843284	2.406793
18	.215900	.295314	.947936	1.000000	.863425	2.459760
19	.228600	.307875	.957359	1.000000	.884819	2.514802
20	.241300	.318809	.965128	1.000000	.903440	2.561747
21	.254000	.329522	.972377	1.000000	.921680	2.606913
22	.266700	.339275	.978686	1.000000	.938283	2.647354
23	.279400	.348584	.984576	1.000000	.954435	2.686113
24	.292100	.355973	.989005	1.000000	.967017	2.715923
25	.304800	.362770	.992962	1.000000	.978592	2.743059
26	.317500	.367720	.995776	1.000000	.987021	2.762653
27	.330200	.371636	.997962	1.000000	.993688	2.778054
28	.342900	.374739	.999670	1.000000	.998972	2.790197
29	.355600	.376439	1.000597	1.000000	1.001865	2.796825
30	.368300	.378581	1.001756	1.000000	1.005513	2.805159
31	.381000	.379985	1.002510	1.000000	1.007903	2.810605
32	.393700	.380133	1.002590	1.000000	1.008154	2.811178
33	.406400	.380945	1.003024	1.000000	1.009538	2.814326
34	.419100	.381315	1.003221	1.000000	1.010167	2.815756
35	.431800	.381315	1.003221	1.000000	1.010167	2.815756
36	.444500	.381684	1.003418	1.000000	1.010796	2.817185
37	.457200	.381684	1.003418	1.000000	1.010796	2.817185
38	.469900	.381610	1.003379	1.000000	1.010670	2.816899
39	.482600	.381610	1.003379	1.000000	1.010670	2.816899
40	.495300	.382866	1.004046	1.000000	1.012808	2.821752
41	.508000	.388186	1.006836	1.000000	1.021864	2.842216
42	.520700	.408061	1.016772	1.000000	1.055696	2.917392
43	.533400	.433403	1.028428	1.000000	1.098826	3.010511

STATION X= 5.16 CM PTO= 23.669 N/SQ CM TTO=299.44K
R= 2.588 CM PWALL= .8371 N/SQ CM CF= .0019 PI = 0.691
UE= 606.6 M/SEC RHOE=.00780 KG/CUB M RE = 18.9 E6 /M
DELTA= .354 CM DELTA*= .1022 CM THETA= .0197 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.035368	.000000	1.000000	.387856	.000000
2	.012700	.080313	.583634	1.000000	.490034	1.147706
3	.025400	.114226	.694701	1.000000	.550483	1.447928
4	.038100	.131145	.735397	1.000000	.579800	1.573034
5	.050800	.146365	.767096	1.000000	.606221	1.677807
6	.063500	.156339	.785618	1.000000	.623374	1.742460
7	.076200	.165575	.801503	1.000000	.639230	1.800157
8	.088900	.177027	.819720	1.000000	.658862	1.869131
9	.101600	.187297	.834828	1.000000	.676445	1.928815
10	.114300	.198970	.850761	1.000000	.696412	1.994424
11	.127000	.211013	.865972	1.000000	.716992	2.059862
12	.139700	.222465	.879578	1.000000	.736794	2.120922
13	.152400	.233843	.892052	1.000000	.756227	2.179181
14	.165100	.245295	.903808	1.000000	.775777	2.236257
15	.177800	.256969	.915049	1.000000	.795696	2.292952
16	.190500	.269455	.926322	1.000000	.816993	2.352060
17	.203200	.282015	.936954	1.000000	.838410	2.410035
18	.215900	.293837	.946372	1.000000	.858560	2.463339
19	.228600	.305880	.955431	1.000000	.879083	2.516468
20	.241300	.315558	.962352	1.000000	.895574	2.558359
21	.254000	.326937	.970107	1.000000	.914956	2.606735
22	.266700	.336172	.976121	1.000000	.930687	2.645345
23	.279400	.346811	.982867	1.000000	.949110	2.689862
24	.292100	.354052	.987215	1.000000	.961447	2.719264
25	.304800	.358411	.989770	1.000000	.968874	2.736811
26	.317500	.367277	.994828	1.000000	.983978	2.772156
27	.330200	.372153	.997534	1.000000	.992285	2.791404
28	.342900	.374665	.998907	1.000000	.996564	2.801267
29	.355600	.376882	1.000107	1.000000	1.000339	2.809941
30	.368300	.378360	1.000902	1.000000	1.002856	2.815709
31	.381000	.380872	1.002242	1.000000	1.007135	2.825487
32	.393700	.391732	1.007887	1.000000	1.025633	2.867376
33	.406400	.418478	1.020834	1.000000	1.071180	2.967998
34	.419100	.431408	1.026652	1.000000	1.093195	3.015430
35	.431800	.433846	1.027720	1.000000	1.097347	3.024291
36	.444500	.434511	1.028009	1.000000	1.098479	3.026703
37	.457200	.435324	1.028362	1.000000	1.099863	3.029648
38	.469900	.435324	1.028362	1.000000	1.099863	3.029648
39	.482600	.435915	1.028618	1.000000	1.100869	3.031788
40	.495300	.436284	1.028778	1.000000	1.101498	3.033125
41	.508000	.436875	1.029033	1.000000	1.102504	3.035263
42	.520700	.437762	1.029415	1.000000	1.104014	3.038467
43	.533400	.438501	1.029732	1.000000	1.105272	3.041134

ID NO. 11310-007

STATION X= 5.41 CM PTO= 23.669 N/SQ CM TTO=299.44K
R= 2.588 CM PWALL= .8378 N/SQ CM CF= .0016 PI = 0.837
UE= 624.2 M/SEC RHOE=.00860 KG/CUB M RE = 23.6E6 /M
DELTA= .406 CM DELTA*= .1266 CM THETA= .0218 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.035397	.000000	1.000000	.351958	.000000
2	.012700	.080313	.566982	1.000000	.444574	1.147051
3	.025400	.113487	.673060	1.000000	.498221	1.441471
4	.038100	.132179	.716722	1.000000	.527589	1.579573
5	.050800	.144740	.742030	1.000000	.547213	1.665486
6	.063500	.156044	.762814	1.000000	.565019	1.739768
7	.076200	.166166	.779720	1.000000	.580775	1.802951
8	.088900	.176583	.795820	1.000000	.596968	1.865655
9	.101600	.186484	.810041	1.000000	.612339	1.923287
10	.114300	.197123	.824282	1.000000	.628841	1.983295
11	.127000	.208279	.838183	1.000000	.646130	2.044279
12	.139700	.219879	.851797	1.000000	.664313	2.106512
13	.152400	.232809	.865726	1.000000	.684338	2.172985
14	.165100	.239828	.872860	1.000000	.695203	2.208217
15	.177800	.254531	.886928	1.000000	.717954	2.280225
16	.190500	.267239	.898220	1.000000	.737609	2.340651
17	.203200	.277730	.906997	1.000000	.753830	2.389371
18	.215900	.289108	.916067	1.000000	.771418	2.441094
19	.228600	.301816	.925498	1.000000	.791055	2.497583
20	.241300	.313120	.933475	1.000000	.808520	2.546767
21	.254000	.324646	.941195	1.000000	.826323	2.595947
22	.266700	.334768	.947656	1.000000	.841955	2.638374
23	.279400	.347624	.955569	1.000000	.862083	2.692018
24	.292100	.372597	.969585	1.000000	.900659	2.791948
25	.304800	.401781	.984293	1.000000	.945728	2.904348
26	.317500	.415892	.990841	1.000000	.967517	2.957157
27	.330200	.422542	.993811	1.000000	.977783	2.981714
28	.342900	.427640	.996040	1.000000	.985654	3.000405
29	.355600	.430374	.997218	1.000000	.989874	3.010380
30	.368300	.433551	.998574	1.000000	.994779	3.021930
31	.381000	.434880	.999137	1.000000	.996832	3.026752
32	.393700	.435767	.999510	1.000000	.998200	3.029962
33	.406400	.436949	1.000067	1.000000	1.000025	3.034237
34	.419100	.437910	1.000409	1.000000	1.001508	3.037706
35	.431800	.438796	1.000779	1.000000	1.002877	3.040905
36	.444500	.439683	1.001147	1.000000	1.004245	3.044100
37	.457200	.440496	1.001484	1.000000	1.005500	3.047026
38	.469900	.441604	1.001942	1.000000	1.007211	3.051012
39	.482600	.442638	1.002368	1.000000	1.008808	3.054727
40	.495300	.443082	1.002550	1.000000	1.009492	3.056318
41	.508000	.443599	1.002762	1.000000	1.010290	3.058173
42	.520700	.444411	1.003094	1.000000	1.011545	3.061085
43	.533400	.445150	1.003396	1.000000	1.012685	3.063731

ID NO. 11310-008

STATION X= 5.61 CM PTO= 23.669 N/SQ'CM TTO=299.44K
R= 2.588 CM PWALL= .8570 N/SQ CM CF= .0016 PI = 0.359
UE= 621.5 M/SEC RHOE=.00866 KG/CUB M RE = 23.3E6 /M
DELTA= .359 CM DELTA*= .1173 CM THETA= .0204 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.036208	.000000	1.000000	.357547	.000000
2	.012700	.080018	.560815	1.000000	.448088	1.125226
3	.025400	.111640	.664261	1.000000	.499004	1.406466
4	.038100	.130923	.710694	1.000000	.529303	1.549792
5	.050800	.145257	.739951	1.000000	.551566	1.647178
6	.063500	.156635	.760976	1.000000	.569374	1.721110
7	.076200	.167422	.779044	1.000000	.586057	1.787602
8	.088900	.177322	.794389	1.000000	.601346	1.846435
9	.101600	.186705	.807963	1.000000	.615820	1.900453
10	.114300	.197197	.822145	1.000000	.631987	1.959031
11	.127000	.208427	.836285	1.000000	.649276	2.019798
12	.139700	.220249	.850134	1.000000	.667462	2.081801
13	.152400	.230297	.861315	1.000000	.683140	2.133809
14	.165100	.243226	.874587	1.000000	.703022	2.197994
15	.177800	.259407	.889914	1.000000	.727889	2.275723
16	.190500	.279503	.907221	1.000000	.758755	2.368661
17	.203200	.303442	.925706	1.000000	.795502	2.474757
18	.215900	.324055	.940045	1.000000	.827130	2.562561
19	.228600	.339423	.949910	1.000000	.850703	2.626093
20	.241300	.354495	.959082	1.000000	.874097	2.687661
21	.254000	.368681	.967112	1.000000	.895861	2.743696
22	.266700	.382793	.974660	1.000000	.917508	2.798318
23	.279400	.394983	.980855	1.000000	.936206	2.844655
24	.292100	.405992	.986209	1.000000	.953090	2.885855
25	.304800	.415671	.990738	1.000000	.967932	2.921599
26	.317500	.422764	.993957	1.000000	.978808	2.947510
27	.330200	.427862	.996221	1.000000	.986625	2.965995
28	.342900	.431999	.998028	1.000000	.992969	2.980913
29	.355600	.435767	.999651	1.000000	.998747	2.994434
30	.368300	.438427	1.000783	1.000000	1.002825	3.003941
31	.381000	.440865	1.001813	1.000000	1.006563	3.012630
32	.393700	.442638	1.002556	1.000000	1.009281	3.018933
33	.406400	.443746	1.003018	1.000000	1.010981	3.022866
34	.419100	.444781	1.003447	1.000000	1.012566	3.026532
35	.431800	.446037	1.003967	1.000000	1.014492	3.030977
36	.444500	.446406	1.004120	1.000000	1.015058	3.032283
37	.457200	.446997	1.004363	1.000000	1.015965	3.034372
38	.469900	.447219	1.004454	1.000000	1.016304	3.035155
39	.482600	.447588	1.004606	1.000000	1.016871	3.036460
40	.495300	.447958	1.004758	1.000000	1.017437	3.037763
41	.508000	.448844	1.005121	1.000000	1.018796	3.040890
42	.520700	.449583	1.005423	1.000000	1.019929	3.043494
43	.533400	.450027	1.005603	1.000000	1.020609	3.045055

STATION X= 5.89 CM PTO= 23.669 N/SQ CM TTO=299.44K
R= 2.588 CM PWALL= .9355 N/SQ CM CF= .0017 PI = 1.021
UE= 609.0 M/SEC RHOE=.00883 KG/CUB M RE = 21.74E6 /M
DELTA= .310 CM DELTA*= .1024 CM THETA= .0191 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.039524	.000000	1.000000	.383068	.000000
2	.012700	.078466	.538929	1.000000	.466692	1.044750
3	.025400	.105064	.632208	1.000000	.508439	1.279219
4	.038100	.127968	.692747	1.000000	.544181	1.450147
5	.050800	.149911	.739068	1.000000	.577764	1.594135
6	.063500	.164836	.766297	1.000000	.600674	1.685320
7	.076200	.182642	.794825	1.000000	.627718	1.786977
8	.088900	.197714	.816378	1.000000	.650557	1.868528
9	.101600	.212417	.835483	1.000000	.672803	1.944675
10	.114300	.226824	.852621	1.000000	.694576	2.016422
11	.127000	.239532	.866600	1.000000	.713764	2.077598
12	.139700	.253348	.880891	1.000000	.734860	2.142842
13	.152400	.265909	.892870	1.000000	.753816	2.199816
14	.165100	.279356	.904876	1.000000	.774100	2.259192
15	.177800	.293024	.916298	1.000000	.794710	2.317963
16	.190500	.309204	.928905	1.000000	.819097	2.385639
17	.203200	.324055	.939693	1.000000	.841472	2.446083
18	.215900	.340162	.950631	1.000000	.865732	2.509976
19	.228600	.355899	.960630	1.000000	.889430	2.570854
20	.241300	.370971	.969627	1.000000	.912121	2.627824
21	.254000	.386487	.978460	1.000000	.935774	2.685927
22	.266700	.398160	.984692	1.000000	.953353	2.728305
23	.279400	.409760	.990624	1.000000	.970819	2.769768
24	.292100	.418995	.995172	1.000000	.984723	2.802338
25	.304800	.426827	.998913	1.000000	.996513	2.829662
26	.317500	.431999	1.001328	1.000000	1.004298	2.847562
27	.330200	.435619	1.002993	1.000000	1.009748	2.860024
28	.342900	.438279	1.004203	1.000000	1.013751	2.869145
29	.355600	.440274	1.005103	1.000000	1.016754	2.875967
30	.368300	.441752	1.005766	1.000000	1.018978	2.881010
31	.381000	.443820	1.006688	1.000000	1.022092	2.888055
32	.393700	.444855	1.007147	1.000000	1.023649	2.891571
33	.406400	.446185	1.007734	1.000000	1.025651	2.896085
34	.419100	.446997	1.008092	1.000000	1.026874	2.898841
35	.431800	.448180	1.008611	1.000000	1.028653	2.902844
36	.444500	.449214	1.009063	1.000000	1.030210	2.906342
37	.457200	.450248	1.009514	1.000000	1.031767	2.909836
38	.469900	.451504	1.010058	1.000000	1.033657	2.914072
39	.482600	.452021	1.010282	1.000000	1.034436	2.915815
40	.495300	.452982	1.010697	1.000000	1.035881	2.919049
41	.508000	.453499	1.010919	1.000000	1.036660	2.920789
42	.520700	.454312	1.011268	1.000000	1.037883	2.923521
43	.533400	.454905	1.011522	1.000000	1.038773	2.925506

STATION X= 6.15 CM PTO= 23.669 N/SQ CM TTO=299.44K
R= 2.588 CM PWALL= 1.2361 N/SQ CM CF= .0018 PI = 1.366
UE= 565.0 M/SEC RHOE=.00953 KG/CUB M RE = 17.9E6 /M
DELTA= .246 CM DELTA*= .0819 CM THETA= .0187 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.052223	.000000	1.000000	.469058	.000000
2	.012700	.091470	.527917	1.000000	.550519	.931853
3	.025400	.110753	.601996	1.000000	.580815	1.091460
4	.038100	.131145	.662276	1.000000	.611451	1.232013
5	.050800	.150650	.708953	1.000000	.639792	1.349062
6	.063500	.171264	.750844	1.000000	.669440	1.461506
7	.076200	.189291	.782531	1.000000	.695029	1.552022
8	.088900	.207688	.811283	1.000000	.721024	1.638862
9	.101600	.224682	.835431	1.000000	.745209	1.715714
10	.114300	.242118	.857744	1.000000	.769739	1.790294
11	.127000	.259038	.877549	1.000000	.793500	1.859687
12	.139700	.276105	.895931	1.000000	.817436	1.927067
13	.152400	.292433	.912203	1.000000	.840311	1.989329
14	.165100	.309352	.927864	1.000000	.863994	2.051800
15	.177800	.329744	.945483	1.000000	.892814	2.125346
16	.190500	.346959	.959128	1.000000	.916894	2.184898
17	.203200	.363509	.971413	1.000000	.940033	2.240631
18	.215900	.380945	.983559	1.000000	.964400	2.297864
19	.228600	.393432	.991798	1.000000	.981844	2.337975
20	.241300	.403184	.997986	1.000000	.995466	2.368825
21	.254000	.411755	1.003255	1.000000	1.007435	2.395603
22	.266700	.417666	1.006800	1.000000	1.015688	2.413896
23	.279400	.422985	1.009931	1.000000	1.023116	2.430240
24	.292100	.428748	1.013261	1.000000	1.031161	2.447821
25	.304800	.433255	1.015821	1.000000	1.037453	2.461482
26	.317500	.437023	1.017934	1.000000	1.042713	2.472845
27	.330200	.439166	1.019123	1.000000	1.045704	2.479283
28	.342900	.441604	1.020467	1.000000	1.049107	2.486588
29	.355600	.443082	1.021276	1.000000	1.051169	2.491005
30	.368300	.444781	1.022202	1.000000	1.053541	2.496075
31	.381000	.446406	1.023083	1.000000	1.055810	2.500914
32	.393700	.447515	1.023681	1.000000	1.057357	2.504209
33	.406400	.448549	1.024237	1.000000	1.058800	2.507279
34	.419100	.449805	1.024910	1.000000	1.060553	2.511003
35	.431800	.450544	1.025305	1.000000	1.061584	2.513191
36	.444500	.451504	1.025817	1.000000	1.062925	2.516032
37	.457200	.452908	1.026562	1.000000	1.064884	2.520178
38	.469900	.454903	1.027615	1.000000	1.067668	2.526059
39	.482600	.456676	1.028545	1.000000	1.070142	2.531275
40	.495300	.458893	1.029701	1.000000	1.073236	2.537780
41	.508000	.460149	1.030353	1.000000	1.074988	2.541458
42	.520700	.460370	1.030467	1.000000	1.075298	2.542107
43	.533400	.461552	1.031078	1.000000	1.076947	2.545563

STATION X= 6.40 CM PTO= 23.669 N/SQ CM TTO=299.44K
R= 2.588 CM PWALL= 1.3666 N/SQ CM CF= .0016 PI = 1.586
UE= 568.4 M/SEC RHOE=.01068 KG/CUB M RE = 20.46E6 /M
DELTA= .261 CM DELTA*= .0906 CM THETA= .0202 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.057741	.000000	1.000000	.462544	.000000
2	.012700	.096937	.505974	1.000000	.536341	.893158
3	.025400	.118142	.585069	1.000000	.566825	1.061724
4	.038100	.135652	.634908	1.000000	.590471	1.175955
5	.050800	.156192	.683145	1.000000	.617403	1.293831
6	.063500	.172668	.716363	1.000000	.638705	1.379951
7	.076200	.195572	.756516	1.000000	.668025	1.490373
8	.088900	.215151	.786346	1.000000	.692774	1.577574
9	.101600	.232883	.810634	1.000000	.715101	1.652300
10	.114300	.250541	.832898	1.000000	.737525	1.724093
11	.127000	.270489	.855577	1.000000	.762549	1.800832
12	.139700	.290512	.876321	1.000000	.787621	1.874572
13	.152400	.310239	.895054	1.000000	.812289	1.944397
14	.165100	.329596	.912003	1.000000	.836470	2.010489
15	.177800	.349397	.928048	1.000000	.861183	2.075863
16	.190500	.367868	.942146	1.000000	.884518	2.135757
17	.203200	.389442	.957271	1.000000	.911430	2.202808
18	.215900	.412568	.972276	1.000000	.940260	2.272448
19	.228600	.431039	.983459	1.000000	.963278	2.326551
20	.241300	.444929	.991442	1.000000	.980582	2.366409
21	.254000	.455642	.997367	1.000000	.993926	2.396692
22	.266700	.464064	1.001890	1.000000	1.004415	2.420232
23	.279400	.468867	1.004417	1.000000	1.010396	2.433550
24	.292100	.471896	1.005993	1.000000	1.014167	2.441913
25	.304800	.474039	1.007099	1.000000	1.016835	2.447811
26	.317500	.472709	1.006414	1.000000	1.015179	2.444152
27	.330200	.467833	1.003876	1.000000	1.009108	2.430688
28	.342900	.460740	1.000118	1.000000	1.000275	2.410968
29	.355600	.455420	.997246	1.000000	.993650	2.396070
30	.368300	.453056	.995955	1.000000	.990705	2.389418
31	.381000	.451652	.995183	1.000000	.988957	2.385460
32	.393700	.451652	.995183	1.000000	.988957	2.385460
33	.406400	.452760	.995793	1.000000	.990337	2.388585
34	.419100	.453425	.996157	1.000000	.991165	2.390459
35	.431800	.454829	.996924	1.000000	.992914	2.394409
36	.444500	.455272	.997166	1.000000	.993466	2.395654
37	.457200	.456159	.997648	1.000000	.994570	2.398144
38	.469900	.457119	.998169	1.000000	.995766	2.400839
39	.482600	.458597	.998967	1.000000	.997607	2.404978
40	.495300	.459631	.999524	1.000000	.998895	2.407872
41	.508000	.460518	1.000000	1.000000	.999999	2.410349
42	.520700	.460814	1.000158	1.000000	1.000367	2.411174
43	.533400	.460887	1.000197	1.000000	1.000459	2.411380

STATION X= 6.65 CM PTO= 23.669 N/SQ CM TTO=299.44K
R= 2.588 CM PWALL= 1.4530 N/SQ CM CF= .0015 PI = 1.673
UE= 571.7 M/SEC RHOE=.01151 KG/CUB M RE = 22,46E6 /M
DELTA= .274 CM DELTA*= .0965 CM THETA= .0211 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.061390	.000000	1.000000	.456313	.000000
2	.012700	.104547	.509451	1.000000	.531281	.906344
3	.025400	.126490	.584108	1.000000	.560234	1.067102
4	.038100	.142597	.627391	1.000000	.580555	1.166778
5	.050800	.158260	.663254	1.000000	.599757	1.253707
6	.063500	.177396	.701151	1.000000	.622769	1.350528
7	.076200	.196828	.734830	1.000000	.645949	1.441498
8	.088900	.218475	.767622	1.000000	.671408	1.535214
9	.101600	.238202	.794230	1.000000	.694496	1.615510
10	.114300	.259111	.819871	1.000000	.719124	1.696976
11	.127000	.278247	.840999	1.000000	.741415	1.767480
12	.139700	.299747	.862672	1.000000	.766414	1.843341
13	.152400	.319327	.880765	1.000000	.789146	1.909707
14	.165100	.341122	.899307	1.000000	.814421	1.980891
15	.177800	.364913	.917870	1.000000	.841980	2.055703
16	.190500	.386043	.933246	1.000000	.866729	2.120634
17	.203200	.408578	.948283	1.000000	.892815	2.186991
18	.215900	.430521	.961890	1.000000	.918203	2.249692
19	.228600	.454090	.975491	1.000000	.945459	2.315117
20	.241300	.471896	.985139	1.000000	.966043	2.363327
21	.254000	.486230	.992545	1.000000	.982608	2.401422
22	.266700	.496943	.997884	1.000000	.994987	2.429500
23	.279400	.504035	1.001330	1.000000	1.003182	2.447910
24	.292100	.509060	1.003731	1.000000	1.008986	2.460867
25	.304800	.510685	1.004500	1.000000	1.010864	2.465044
26	.317500	.511054	1.004674	1.000000	1.011291	2.465992
27	.330200	.510316	1.004325	1.000000	1.010437	2.464095
28	.342900	.507582	1.003028	1.000000	1.007279	2.457063
29	.355600	.504331	1.001472	1.000000	1.003523	2.448674
30	.368300	.500120	.999436	1.000000	.998658	2.437764
31	.381000	.495834	.997339	1.000000	.993707	2.426611
32	.393700	.492510	.995694	1.000000	.989865	2.417922
33	.406400	.487929	.993402	1.000000	.984572	2.405898
34	.419100	.480393	.989566	1.000000	.975863	2.385983
35	.431800	.470197	.984240	1.000000	.964078	2.358769
36	.444500	.462291	.979999	1.000000	.954940	2.337447
37	.457200	.459114	.978266	1.000000	.951267	2.328823
38	.469900	.457710	.977495	1.000000	.949644	2.325002
39	.482600	.457563	.977413	1.000000	.949474	2.324599
40	.495300	.458523	.977941	1.000000	.950584	2.327215
41	.508000	.460001	.978751	1.000000	.952292	2.331233
42	.520700	.461109	.979356	1.000000	.953574	2.334242
43	.533400	.463030	.980399	1.000000	.955794	2.339448

STATION X= 6.88 CM PTO= 23.669 N/SQ CM TTO=299.44K
R= 2.588 CM PWALL= 1.5445 N/SQ CM CF= .0015 PI = 1.738
UE= 566.6 M/SEC RHOE=.01198 KG/CUB M RE = 22.69E6 /M
DELTA= .270 CM DELTA*= .0951 CM THETA= .0213 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.065256	.000000	1.000000	.466001	.000000
2	.012700	.109128	.505833	1.000000	.539749	.889538
3	.025400	.131145	.581704	1.000000	.568776	1.050108
4	.038100	.147695	.623747	1.000000	.588206	1.145076
5	.050800	.163949	.660537	1.000000	.607555	1.232400
6	.063500	.180647	.693335	1.000000	.626936	1.314064
7	.076200	.201852	.729641	1.000000	.651102	1.409272
8	.088900	.224091	.763318	1.000000	.676479	1.502776
9	.101600	.244704	.790859	1.000000	.699695	1.583488
10	.114300	.266795	.817392	1.000000	.724482	1.665351
11	.127000	.287926	.840594	1.000000	.748383	1.740643
12	.139700	.312308	.864619	1.000000	.775634	1.822699
13	.152400	.332404	.882712	1.000000	.798059	1.887548
14	.165100	.355382	.901764	1.000000	.823668	1.958981
15	.177800	.378212	.919181	1.000000	.849084	2.027392
16	.190500	.400598	.934975	1.000000	.873987	2.092250
17	.203200	.424167	.950562	1.000000	.900494	2.159148
18	.215900	.449140	.965688	1.000000	.928257	2.227064
19	.228600	.467759	.976244	1.000000	.948948	2.276359
20	.241300	.488151	.987164	1.000000	.971600	2.329133
21	.254000	.502188	.994322	1.000000	.987190	2.364769
22	.266700	.511941	.999134	1.000000	.998019	2.389210
23	.279400	.518073	1.002094	1.000000	1.004827	2.404449
24	.292100	.522063	1.003994	1.000000	1.009257	2.414311
25	.304800	.524575	1.005180	1.000000	1.012045	2.420500
26	.317500	.524871	1.005319	1.000000	1.012373	2.421227
27	.330200	.524871	1.005319	1.000000	1.012373	2.421227
28	.342900	.523964	1.004901	1.000000	1.011389	2.419045
29	.355600	.523024	1.004448	1.000000	1.010323	2.416680
30	.368300	.522063	1.003994	1.000000	1.009257	2.414311
31	.381000	.521694	1.003819	1.000000	1.008846	2.413400
32	.393700	.521398	1.003679	1.000000	1.008518	2.412670
33	.406400	.520659	1.003328	1.000000	1.007698	2.410846
34	.419100	.518886	1.002483	1.000000	1.005730	2.406461
35	.431800	.515266	1.000745	1.000000	1.001710	2.397484
36	.444500	.510685	.998521	1.000000	.996624	2.386077
37	.457200	.505070	.995757	1.000000	.990390	2.372017
38	.469900	.501006	.993730	1.000000	.985877	2.361790
39	.482600	.496056	.991229	1.000000	.980380	2.349269
40	.495300	.486673	.986394	1.000000	.969959	2.325350
41	.508000	.474482	.979915	1.000000	.956417	2.293895
42	.520700	.467833	.976284	1.000000	.949030	2.276552
43	.533400	.465247	.974853	1.000000	.946156	2.269771

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STATION X= 7.39 CM PTO= 23.669 N/SQ CM TTO=299.44K
R= 2.588 CM PWALL= 1.7255 N/SQ CM CF= .0014 PI = 1.854
UE= 558.7 M/SEC RHOE=.01297 KG/CUB M RE = 23.5E6 /M
DELTA= .273 CM DELTA*= .0960 CM THETA= .0222 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.072962	.000000	1.000000	.480792	.000000
2	.012700	.120136	.506127	1.000000	.554549	.875802
3	.025400	.141267	.577994	1.000000	.581690	1.024344
4	.038100	.156635	.613633	1.000000	.597633	1.102307
5	.050800	.172224	.648245	1.000000	.614967	1.181250
6	.063500	.188405	.679557	1.000000	.632429	1.255765
7	.076200	.208797	.714528	1.000000	.654212	1.342936
8	.088900	.228967	.744948	1.000000	.675397	1.422599
9	.101600	.251561	.775589	1.000000	.699155	1.506937
10	.114300	.274331	.803142	1.000000	.722896	1.586745
11	.127000	.299082	.830014	1.000000	.748541	1.668668
12	.139700	.322356	.853136	1.000000	.772855	1.742786
13	.152400	.347698	.875825	1.000000	.799014	1.819161
14	.165100	.373335	.896752	1.000000	.825434	1.893173
15	.177800	.398308	.915445	1.000000	.851136	1.962495
16	.190500	.422911	.932438	1.000000	.876431	2.028411
17	.203200	.448918	.949228	1.000000	.903446	2.096518
18	.215900	.473669	.963895	1.000000	.928874	2.158664
19	.228600	.496795	.976700	1.000000	.952620	2.215124
20	.241300	.514084	.985759	1.000000	.970365	2.256394
21	.254000	.527900	.992704	1.000000	.984543	2.288832
22	.266700	.538687	.997956	1.000000	.995609	2.313836
23	.279400	.546075	1.001470	1.000000	1.003188	2.330806
24	.292100	.549769	1.003203	1.000000	1.006977	2.339244
25	.304800	.552946	1.004680	1.000000	1.010236	2.346476
26	.317500	.554646	1.005466	1.000000	1.011979	2.350335
27	.330200	.555089	1.005670	1.000000	1.012433	2.351340
28	.342900	.554867	1.005568	1.000000	1.012206	2.350838
29	.355600	.553759	1.005056	1.000000	1.011069	2.348322
30	.368300	.552946	1.004680	1.000000	1.010236	2.346476
31	.381000	.551395	1.003960	1.000000	1.008644	2.342947
32	.393700	.549622	1.003134	1.000000	1.006826	2.338907
33	.406400	.548440	1.002581	1.000000	1.005613	2.336210
34	.419100	.547110	1.001957	1.000000	1.004249	2.333172
35	.431800	.546519	1.001679	1.000000	1.003643	2.331820
36	.444500	.545263	1.001087	1.000000	1.002355	2.328945
37	.457200	.544450	1.000703	1.000000	1.001521	2.327083
38	.469900	.543785	1.000388	1.000000	1.000839	2.325559
39	.482600	.542824	.999932	1.000000	.999854	2.323355
40	.495300	.542012	.999546	1.000000	.999020	2.321488
41	.508000	.541347	.999229	1.000000	.998338	2.319960
42	.520700	.540682	.998911	1.000000	.997656	2.318431
43	.533400	.540091	.998629	1.000000	.997049	2.317070

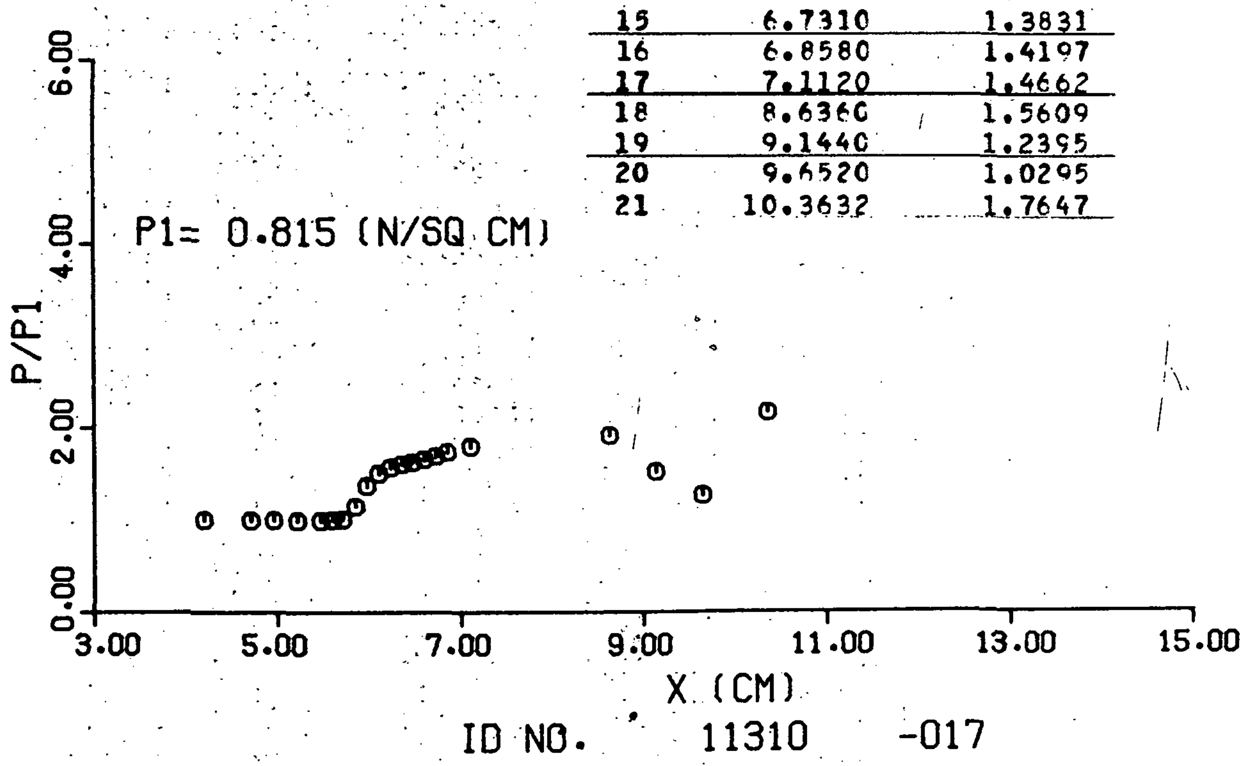
STATION X= 7.92 CM PTO= 23.669 N/SQ CM TTO=299.44K
R= 2.588 CM PWALL= 1.8530 N/SQ CM CF= .0015 PI = 1.721
UE= 553.9 M/SEC RHOE=.01368 KG/CUB M RE = 24.286 /M
DELTA= .279 CM DELTA*= .0941 CM THETA= .0224 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.078288	.000000	1.000000	.489569	.000000
2	.012700	.133657	.526919	1.000000	.570405	.908620
3	.025400	.157817	.595194	1.000000	.597635	1.050566
4	.038100	.173702	.630943	1.000000	.614416	1.129193
5	.050800	.188035	.659605	1.000000	.629329	1.194729
6	.063500	.204216	.688571	1.000000	.645878	1.263487
7	.076200	.223130	.718998	1.000000	.665059	1.338767
8	.088900	.243670	.748342	1.000000	.685526	1.414681
9	.101600	.263397	.774110	1.000000	.705303	1.484355
10	.114300	.287039	.801755	1.000000	.728645	1.562596
11	.127000	.313637	.829714	1.000000	.754801	1.645856
12	.139700	.339201	.854213	1.000000	.780128	1.722645
13	.152400	.363583	.875324	1.000000	.804006	1.792031
14	.165100	.388260	.894958	1.000000	.828134	1.859515
15	.177800	.417222	.916074	1.000000	.856412	1.935614
16	.190500	.443820	.933871	1.000000	.882352	2.002879
17	.203200	.468793	.949362	1.000000	.906685	2.063987
18	.215900	.491697	.962824	1.000000	.929299	2.119196
19	.228600	.516965	.976553	1.000000	.953938	2.177691
20	.241300	.534106	.985364	1.000000	.970596	2.216476
21	.254000	.548366	.992408	1.000000	.984474	2.248222
22	.266700	.558562	.997293	1.000000	.994395	2.270645
23	.279400	.564472	1.000070	1.000000	1.000146	2.283542
24	.292100	.568388	1.001888	1.000000	1.003955	2.292045
25	.304800	.570974	1.003079	1.000000	1.006471	2.297643
26	.317500	.572156	1.003621	1.000000	1.007621	2.300197
27	.330200	.571861	1.003485	1.000000	1.007333	2.299559
28	.342900	.571861	1.003485	1.000000	1.007333	2.299559
29	.355600	.571417	1.003282	1.000000	1.006902	2.298601
30	.368300	.571343	1.003248	1.000000	1.006830	2.298441
31	.381000	.571787	1.003451	1.000000	1.007262	2.299399
32	.393700	.572008	1.003553	1.000000	1.007477	2.299878
33	.406400	.572008	1.003553	1.000000	1.007477	2.299878
34	.419100	.571713	1.003417	1.000000	1.007190	2.299240
35	.431800	.571713	1.003417	1.000000	1.007190	2.299240
36	.444500	.571713	1.003417	1.000000	1.007190	2.299240
37	.457200	.571343	1.003248	1.000000	1.006830	2.298441
38	.469900	.570974	1.003079	1.000000	1.006471	2.297643
39	.482600	.571122	1.003146	1.000000	1.006615	2.297962
40	.495300	.570900	1.003045	1.000000	1.006399	2.297483
41	.508000	.570678	1.002943	1.000000	1.006183	2.297004
42	.520700	.570678	1.002943	1.000000	1.006183	2.297004
43	.533400	.570826	1.003011	1.000000	1.006327	2.297323

ID NO. 11310-017

PTO= 23.6196 N/SQ CM
TTO= 301.7778 K
PBAR= 760.5000 MMHG
TMAN= 303.1111 K

I	X(CM)	P(N/SQ CM)
1	4.2037	.8151
2	4.7117	.8114
3	4.9657	.8148
4	5.2197	.8083
5	5.4737	.8100
6	5.6007	.8155
7	5.7150	.8220
8	5.8547	.9345
9	5.9817	1.1195
10	6.1087	1.2258
11	6.2357	1.2795
12	6.3627	1.3096
13	6.4770	1.3280
14	6.6040	1.3537
15	6.7310	1.3831
16	6.8580	1.4197
17	7.1120	1.4662
18	8.6360	1.5609
19	9.1440	1.2395
20	9.6520	1.0295
21	10.3632	1.7647



ID NO. 11310-018

STATION X= 4.88 CM PTO= 23.666 N/SQ CM TTO=297.78K
R= 2.576 CM PWALL= .8190 N/SQ CM CF= .00144 PI[illegible]=1.124
UE= 623.3 M/SEC RHOE=.00850 KG/CUB M RE= 23.587E6 /M
DELTA= .437 CM DELTA*= .1510 CM THETA= .0246 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.034605	.000000	1.000000	.350145	.000000
2	.025400	.088935	.605714	1.000000	.459764	1.251135
3	.050800	.112548	.676277	1.000000	.498223	1.454138
4	.076200	.143862	.745757	1.000000	.548318	1.682218
5	.101600	.164395	.781800	1.000000	.580864	1.815106
6	.127000	.184268	.811663	1.000000	.612273	1.934717
7	.152400	.203775	.837203	1.000000	.643045	2.045129
8	.177800	.224455	.861154	1.000000	.675856	2.156635
9	.203200	.245061	.882109	1.000000	.708312	2.261537
10	.228600	.266695	.901668	1.000000	.742360	2.360590
11	.254000	.288695	.919419	1.000000	.776965	2.468783
12	.279400	.309228	.934342	1.000000	.809247	2.560445
13	.304800	.328441	.947072	1.000000	.839444	2.643309
14	.330200	.351541	.961118	1.000000	.876026	2.740339
15	.355600	.406395	.989368	1.000000	.962228	2.956418
16	.381000	.419595	.995321	1.000000	.982966	3.006084
17	.406400	.426561	.998348	1.000000	.993910	3.031967
18	.431800	.429568	.999631	1.000000	.998634	3.043070
19	.457200	.433234	1.001178	1.000000	1.004393	3.056554
20	.482600	.435581	1.002157	1.000000	1.008080	3.065153
21	.508000	.436901	1.002704	1.000000	1.010153	3.069979
22	.533400	.437268	1.002856	1.000000	1.010729	3.071318
23	.558800	.437268	1.002856	1.000000	1.010729	3.071318
24	.584200	.439321	1.003701	1.000000	1.013955	3.078807
25	.609600	.441228	1.004460	1.000000	1.016950	3.085745
26	.635000	.444381	1.005758	1.000000	1.021903	3.097185
27	.660400	.444968	1.005994	1.000000	1.022824	3.099308
28	.685800	.446361	1.006553	1.000000	1.025013	3.104346
29	.711200	.446361	1.006553	1.000000	1.025013	3.104346
30	.736600	.448561	1.007430	1.000000	1.028468	3.112284
31	.762000	.449734	1.007895	1.000000	1.030311	3.116509
32	.812800	.451128	1.008444	1.000000	1.032500	3.121518
33	.863600	.453768	1.009479	1.000000	1.036647	3.130989
34	.914400	.455968	1.010334	1.000000	1.040162	3.138859
35	.965200	.461161	1.012304	1.000000	1.048165	3.157145
36	1.016000	.464914	1.013745	1.000000	1.054154	3.170661

STATION X= 5.12 CM PTO= 23.666 N/SQ CM TTO=297.78K
R= 2.576 CM PWALL= .8190 N/SQ CM CF= .00137 PI[illegible]=1.307
UE= 623.0 M/SEC RHOE=.00849 KG/CUB M RE= 23.497E6 /M
DELTA= .394 CM DELTA*= .1435 CM THETA= .0230 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.034605	.000000	1.000000	.350733	.000000
2	.025400	.088862	.605735	1.000000	.460416	1.250451
3	.050800	.107855	.663924	1.000000	.491355	1.415874
4	.076200	.138362	.735127	1.000000	.540313	1.643969
5	.101600	.159995	.774918	1.000000	.574862	1.787500
6	.127000	.178402	.803654	1.000000	.604020	1.900218
7	.152400	.198715	.831269	1.000000	.636133	2.017084
8	.177800	.218588	.855096	1.000000	.667728	2.125805
9	.203200	.240588	.878165	1.000000	.702445	2.239190
10	.228600	.272855	.907250	1.000000	.753313	2.395649
11	.254000	.321695	.943154	1.000000	.830232	2.614514
12	.279400	.347068	.958959	1.000000	.870451	2.721956
13	.304800	.373615	.973671	1.000000	.912247	2.829289
14	.330200	.396421	.985117	1.000000	.948146	2.918329
15	.355600	.414755	.993621	1.000000	.976998	2.987970
16	.381000	.425975	.998547	1.000000	.994654	3.029796
17	.406400	.431328	1.000828	1.000000	1.003678	3.049550
18	.431800	.433308	1.001661	1.000000	1.006194	3.056823
19	.457200	.435508	1.002580	1.000000	1.009655	3.064885
20	.482600	.439614	1.004275	1.000000	1.016117	3.079876
21	.508000	.440641	1.004695	1.000000	1.017732	3.083612
22	.533400	.442401	1.005412	1.000000	1.020502	3.090007
23	.558800	.442401	1.005412	1.000000	1.020502	3.090007
24	.584200	.443868	1.006005	1.000000	1.022809	3.095325
25	.609600	.443868	1.006005	1.000000	1.022809	3.095325
26	.635000	.445261	1.006567	1.000000	1.025001	3.100369
27	.660400	.446508	1.007066	1.000000	1.026963	3.104876
28	.685800	.446948	1.007242	1.000000	1.027655	3.106465
29	.711200	.448194	1.007739	1.000000	1.029617	3.110962
30	.736600	.450468	1.008640	1.000000	1.033193	3.119146
31	.762000	.451128	1.008900	1.000000	1.034232	3.121518
32	.787400	.454134	1.010078	1.000000	1.038962	3.132302
33	.812800	.459121	1.012005	1.000000	1.046808	3.150105
34	.838200	.460001	1.012342	1.000000	1.048192	3.153236
35	.863600	.460001	1.012342	1.000000	1.048192	3.153236
36	.889000	.461541	1.012929	1.000000	1.050615	3.158708
37	.939800	.466968	1.014973	1.000000	1.059152	3.177915

ID NO. 11310-020

STATION X= 5.37 CM PTO= 23.606 N/SQ CM TTO=297.78K
R= 2.576 CM PWALL= .8190 N/SQ CM CF= .00147 PI =1.370
UE= 613.2 M/SEC RHOE=.00802 KG/CUB M RE= 20.66226 /M
DELTA= .313 CM DELTA*= .1179 CM THETA= .0198 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.034605	.000000	1.000000	.370994	.000000
2	.025400	.082335	.591205	1.000000	.475543	1.187032
3	.050800	.103822	.663159	1.000000	.512665	1.382764
4	.076200	.140855	.751890	1.000000	.575722	1.661077
5	.101600	.171362	.805799	1.000000	.627125	1.857945
6	.127000	.202895	.849864	1.000000	.679864	2.040280
7	.152400	.225848	.876831	1.000000	.718424	2.163891
8	.177800	.249095	.900494	1.000000	.757215	2.281496
9	.203200	.278061	.926061	1.000000	.805539	2.419935
10	.228600	.304535	.946362	1.000000	.849615	2.539788
11	.254000	.334015	.966190	1.000000	.898706	2.666860
12	.279400	.360855	.982248	1.000000	.943698	2.778219
13	.304800	.387621	.996493	1.000000	.988268	2.884300
14	.330200	.406761	1.005803	1.000000	1.020132	2.957809
15	.355600	.422161	1.012824	1.000000	1.045767	3.015646
16	.381000	.431695	1.016977	1.000000	1.061635	3.050898
17	.406400	.435948	1.018785	1.000000	1.068714	3.066494
18	.431800	.437928	1.019617	1.000000	1.072009	3.073727
19	.457200	.438661	1.019924	1.000000	1.073230	3.076402
20	.482600	.440934	1.020870	1.000000	1.077014	3.084679
21	.508000	.440934	1.020870	1.000000	1.077014	3.084679
22	.533400	.442988	1.021718	1.000000	1.080431	3.092135
23	.558800	.444674	1.022410	1.000000	1.083238	3.098247
24	.609600	.447388	1.023515	1.000000	1.087754	3.108053
25	.660400	.449368	1.024314	1.000000	1.091049	3.115189
26	.711200	.452961	1.025752	1.000000	1.097029	3.128098
27	.762000	.455528	1.026768	1.000000	1.101301	3.137286
28	.812800	.457361	1.027488	1.000000	1.104352	3.143833
29	.863600	.457361	1.027488	1.000000	1.104352	3.143833
30	.914400	.456701	1.027229	1.000000	1.103253	3.141478
31	.965200	.460368	1.028660	1.000000	1.109355	3.154539
32	1.016000	.462861	1.029622	1.000000	1.113504	3.163391
33	1.066800	.464768	1.030353	1.000000	1.116677	3.170142
34	1.117600	.465794	1.030744	1.000000	1.118386	3.173772
35	1.168400	.470268	1.032434	1.000000	1.125830	3.189538
36	1.219200	.472981	1.033447	1.000000	1.130345	3.199063
37	1.270000	.472394	1.033229	1.000000	1.129369	3.197006
38	1.320800	.472394	1.033229	1.000000	1.129369	3.197006
39	1.371600	.469094	1.031994	1.000000	1.123877	3.185410
40	1.422400	.440788	1.020809	1.000000	1.076769	3.084145

ID NO. 11310-021

STATION X= 5.50 CM PTO= 23.666 N/SQ CM TTO=297.78K

R= 2.576 CM PWALL= .8190 N/SQ CM CF= .00144 PI =1.365

UE= 617.7 M/SEC RHOE=.00823 KG/CUB M RE= 21.88226 /M

DELTA= .311 CM DELTA*= .1190 CM THETA= .0195 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.034605	.000000	1.000000	.361824	.000000
2	.025400	.087322	.605572	1.000000	.472373	1.235990
3	.050800	.103602	.657746	1.000000	.499821	1.380932
4	.076200	.143642	.752125	1.000000	.566244	1.680735
5	.101600	.175322	.806028	1.000000	.618092	1.881844
6	.127000	.206562	.848248	1.000000	.669032	2.060406
7	.152400	.238461	.883641	1.000000	.721197	2.228486
8	.177800	.267501	.910573	1.000000	.768431	2.370416
9	.203200	.291335	.929813	1.000000	.807168	2.480760
10	.228600	.315975	.947491	1.000000	.847196	2.589847
11	.254000	.339661	.962813	1.000000	.885945	2.691240
12	.279400	.367601	.978874	1.000000	.931328	2.805338
13	.304800	.392828	.991889	1.000000	.972294	2.904482
14	.330200	.441961	1.013930	1.000000	1.052058	3.088409
15	.355600	.424361	1.006485	1.000000	1.023489	3.023818
16	.381000	.431035	1.009363	1.000000	1.034321	3.048471
17	.406400	.434408	1.010792	1.000000	1.039797	3.060857
18	.431800	.436974	1.011868	1.000000	1.043963	3.070247
19	.457200	.437561	1.012112	1.000000	1.044916	3.072389
20	.482600	.439834	1.013055	1.000000	1.048606	3.080677
21	.508000	.440934	1.013509	1.000000	1.050391	3.084679
22	.533400	.442034	1.013960	1.000000	1.052177	3.088675
23	.558800	.445334	1.015305	1.000000	1.057533	3.100635
24	.609600	.448414	1.016547	1.000000	1.062532	3.111755
25	.660400	.450834	1.017513	1.000000	1.066460	3.120464
26	.711200	.454354	1.018904	1.000000	1.072174	3.133089
27	.762000	.455234	1.019249	1.000000	1.073602	3.136238
28	.812800	.454868	1.019105	1.000000	1.073007	3.134926
29	.863600	.455601	1.019393	1.000000	1.074197	3.137548
30	.914400	.458828	1.020648	1.000000	1.079434	3.149060
31	.965200	.460514	1.021299	1.000000	1.082172	3.155061
32	1.016000	.463521	1.022449	1.000000	1.087051	3.165729
33	1.066800	.465428	1.023173	1.000000	1.090146	3.172476
34	1.117600	.467188	1.023837	1.000000	1.093002	3.178691
35	1.168400	.467701	1.024030	1.000000	1.093835	3.180501
36	1.219200	.471368	1.025398	1.000000	1.099786	3.193403
37	1.270000	.471368	1.025398	1.000000	1.099786	3.193403
38	1.320800	.462128	1.021918	1.000000	1.084790	3.160790
39	1.371600	.412775	1.001319	1.000000	1.004679	2.980527

STATION X= 5.75 CM PTO= 23.666 N/SQ CM TTO=297.78K
K= 2.576 CM PWALL= 1.1349 N/SQ CM CF= .00139 PI =1.846
UE= 578.6 M/SEC RHOE=.00938 KG/CUB M RE= 19.278E6 /M
DELTA= .284 CM DELTA*= .1080 CM THETA= .0213 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.047956	.000000	1.000000	.440013	.000000
2	.025400	.095535	.567024	1.000000	.536631	1.047805
3	.050800	.110128	.614348	1.000000	.557934	1.157569
4	.076200	.145988	.707464	1.000000	.611364	1.395389
5	.101600	.183828	.778931	1.000000	.666447	1.604067
6	.127000	.217635	.829038	1.000000	.715330	1.768760
7	.152400	.250415	.868933	1.000000	.762343	1.913825
8	.177800	.286421	.905693	1.000000	.813854	2.061083
9	.203200	.316855	.932497	1.000000	.857619	2.178390
10	.228600	.350295	.958057	1.000000	.905371	2.299563
11	.254000	.384028	.980654	1.000000	.953502	2.415560
12	.279400	.413288	.998114	1.000000	.995228	2.511786
13	.304800	.423921	1.004031	1.000000	1.010387	2.545845
14	.330200	.424435	1.004311	1.000000	1.011119	2.547478
15	.355600	.427735	1.006101	1.000000	1.015823	2.557948
16	.381000	.430228	1.007440	1.000000	1.019377	2.565830
17	.406400	.433821	1.009351	1.000000	1.024499	2.577147
18	.431800	.437561	1.011316	1.000000	1.029830	2.588872
19	.457200	.439028	1.012080	1.000000	1.031920	2.593456
20	.482600	.441154	1.013181	1.000000	1.034951	2.600088
21	.508000	.444748	1.015024	1.000000	1.040072	2.611254
22	.533400	.447168	1.016253	1.000000	1.043521	2.618748
23	.558800	.450761	1.018061	1.000000	1.048642	2.629834
24	.609600	.452594	1.018975	1.000000	1.051255	2.635473
25	.660400	.454794	1.020065	1.000000	1.054390	2.642223
26	.711200	.454428	1.019884	1.000000	1.053867	2.641099
27	.762000	.457361	1.021327	1.000000	1.058047	2.650076
28	.812800	.459268	1.022258	1.000000	1.060764	2.655895
29	.863600	.460954	1.023076	1.000000	1.063168	2.661031
30	.914400	.462201	1.023679	1.000000	1.064944	2.664821
31	.965200	.464768	1.024911	1.000000	1.068601	2.672608
32	1.016000	.465721	1.025367	1.000000	1.069960	2.675494
33	1.066800	.467114	1.026030	1.000000	1.071945	2.679706
34	1.117600	.466161	1.025576	1.000000	1.070587	2.676825
35	1.168400	.460441	1.022828	1.000000	1.062436	2.659469
36	1.219200	.433161	1.009032	1.000000	1.023558	2.575072

ID NO. 11310-024

STATION X= 6.01 CM PTO= 23.666 N/SQ CM TTO=297.78K
R= 2.576 CM PWALL= 1.2488 N/SQ CM CF= .00130 PI =1.939
UE= 581.8 M/SEC RHOE=.01046 KG/CUB M RE= 21.935E6 /M
DELTA= .303 CM DELTA*= .1160 CM THETA= .0226 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.052767	.000000	1.000000	.433775	.000000
2	.025400	.104115	.560341	1.000000	.527568	1.039776
3	.050800	.120468	.608983	1.000000	.549075	1.152838
4	.076200	.153322	.688810	1.000000	.593115	1.355240
5	.101600	.191162	.757600	1.000000	.642619	1.551544
6	.127000	.226728	.806609	1.000000	.688777	1.714452
7	.152400	.264421	.852640	1.000000	.737264	1.870358
8	.177800	.300721	.888097	1.000000	.783824	2.008711
9	.203200	.336068	.917812	1.000000	.829360	2.135369
10	.228600	.375961	.946542	1.000000	.880412	2.268980
11	.254000	.414461	.970575	1.000000	.929637	2.390747
12	.279400	.447828	.989016	1.000000	.972272	2.491408
13	.304800	.470194	1.000322	1.000000	1.000841	2.556642
14	.330200	.472321	1.001357	1.000000	1.003557	2.562757
15	.355600	.473201	1.001783	1.000000	1.004681	2.565283
16	.381000	.467701	.999100	1.000000	.997657	2.549453
17	.406400	.443061	.986502	1.000000	.966183	2.477281
18	.431800	.444234	.987124	1.000000	.967682	2.480766
19	.457200	.445628	.987860	1.000000	.969462	2.484898
20	.482600	.448121	.989169	1.000000	.972647	2.492275
21	.508000	.449588	.989935	1.000000	.974521	2.496604
22	.533400	.451128	.990734	1.000000	.976488	2.501141
23	.584200	.452301	.991341	1.000000	.977987	2.504592
24	.635000	.457068	.993782	1.000000	.984075	2.518564
25	.685800	.459488	.995008	1.000000	.987166	2.525628
26	.736600	.462568	.996555	1.000000	.991100	2.534589
27	.787400	.468141	.999316	1.000000	.998219	2.550723
28	.838200	.468801	.999640	1.000000	.999061	2.552627
29	.889000	.468801	.999640	1.000000	.999061	2.552627
30	.939800	.468801	.999640	1.000000	.999061	2.552627
31	.990600	.465428	.997978	1.000000	.994753	2.542881
32	1.041400	.449001	.989629	1.000000	.973771	2.494873
33	1.092200	.418861	.973125	1.000000	.935261	2.404265

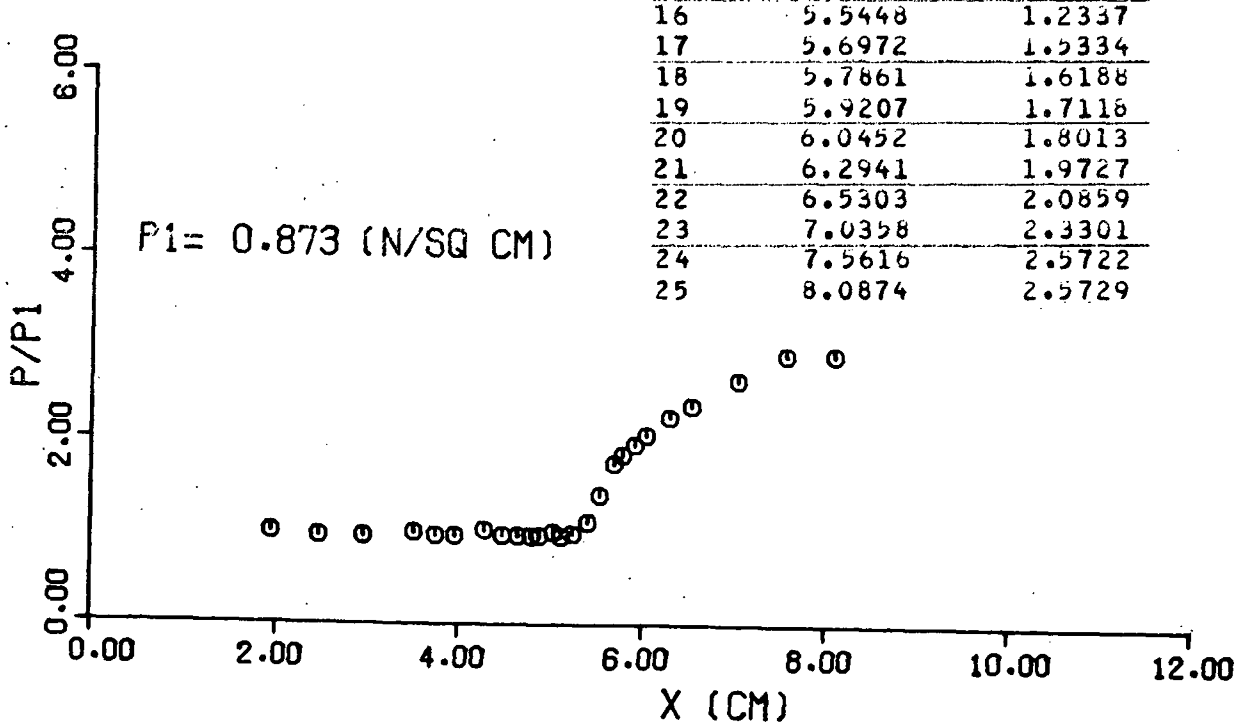
STATION X= 6.26 CM PTO= 23.666 N/SQ CM TTO=297.78K
R= 2.576 CM PWALL= .8398 N/SQ CM CF= .00134 PI=1.267
UE= 636.4 M/SEC RHOE=.00946 KG/CUB M RE= 29.162E6 /M
DELTA= .320 CM DELTA*= .1219 CM THETA= .0177 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.035487	.000000	1.000000	.322541	.000000
2	.025400	.110495	.649685	1.000000	.451706	1.415029
3	.050800	.126995	.689216	1.000000	.475588	1.540300
4	.076200	.158528	.749581	1.000000	.520769	1.752974
5	.101600	.193655	.801123	1.000000	.570658	1.961198
6	.127000	.234721	.848055	1.000000	.629013	2.179658
7	.152400	.269628	.879932	1.000000	.678380	2.348658
8	.177800	.307321	.908495	1.000000	.731634	2.518280
9	.203200	.348461	.934568	1.000000	.789969	2.691847
10	.228600	.388281	.955752	1.000000	.846192	2.849141
11	.254000	.430595	.974963	1.000000	.905914	3.007225
12	.279400	.466454	.989118	1.000000	.956514	3.134933
13	.304800	.489628	.997399	1.000000	.989208	3.214750
14	.330200	.500554	1.001095	1.000000	1.004622	3.251703
15	.355600	.503708	1.002138	1.000000	1.009070	3.262289
16	.381000	.503561	1.002089	1.000000	1.008863	3.261797
17	.406400	.498061	1.000263	1.000000	1.001105	3.243308
18	.431800	.492634	.998429	1.000000	.993449	3.224960
19	.457200	.481194	.994458	1.000000	.977310	3.185935
20	.482600	.460074	.986725	1.000000	.947512	3.112597
21	.508000	.447681	.981926	1.000000	.930025	3.068742
22	.533400	.447681	.981926	1.000000	.930025	3.068742
23	.558800	.449294	.982562	1.000000	.932302	3.074486
24	.584200	.450394	.982994	1.000000	.933854	3.078397
25	.609600	.453988	.984393	1.000000	.938924	3.091137
26	.635000	.456188	.985242	1.000000	.942028	3.098911
27	.660400	.457141	.985607	1.000000	.943373	3.102273
28	.685800	.459561	.986530	1.000000	.946788	3.110793
29	.711200	.460734	.986975	1.000000	.948443	3.114915
30	.736600	.461468	.987252	1.000000	.949478	3.117488
31	.762000	.462128	.987501	1.000000	.950409	3.119803
32	.787400	.463154	.987887	1.000000	.951858	3.123400
33	.812800	.464108	.988244	1.000000	.953203	3.126736
34	.863600	.464108	.988244	1.000000	.953203	3.126736
35	.914400	.455968	.985157	1.000000	.941718	3.098134
36	.965200	.437561	.977852	1.000000	.915745	3.032458
37	1.016000	.409988	.965982	1.000000	.876832	2.931309

ID NO. 11312-001

PTO= 23.7302 N/SQ CM
TTO= 303.9444 K
PBAR= 771.6000 MMHG
TMAN= 297.4444 K

I	X(CM)	P(N/SQ CM)
1	1.9558	.8733
2	2.4790	.8383
3	2.9667	.8393
4	3.5255	.8726
5	3.7617	.8458
6	3.9726	.8414
7	4.2977	.8952
8	4.4907	.8465
9	4.6609	.8410
10	4.8057	.8400
11	4.8971	.8404
12	5.0470	.8784
13	5.1333	.8356
14	5.2578	.8630
15	5.4204	.9734
16	5.5448	1.2337
17	5.6972	1.5334
18	5.7861	1.6188
19	5.9207	1.7118
20	6.0452	1.8013
21	6.2941	1.9727
22	6.5303	2.0859
23	7.0358	2.3301
24	7.5616	2.5722
25	8.0874	2.5729



ID NO. 11312 -001

ID NO. 11312-002

STATION X= 3.76 CM PTO= 23.730 N/SQ CM TTO=302.67K
R= 2.588 CM PWALL= .8458 N/SQ CM CF= .00210 PI = .439
UE= 610.5 M/SEC RHOE=.00782 KG/CUB M RE= 18.936E6 /M
DELTA= .362 CM DELTA*= .0919 CM THETA= .0180 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.035645	.000000	1.000000	.386699	.000000
2	.012700	.116590	.697836	1.000000	.551373	1.459188
3	.025400	.134276	.739279	1.000000	.581668	1.587748
4	.038100	.147541	.766433	1.000000	.604467	1.678016
5	.050800	.158374	.786308	1.000000	.622896	1.747575
6	.063500	.170017	.805865	1.000000	.642666	1.819241
7	.076200	.179229	.820180	1.000000	.658284	1.873921
8	.088900	.192125	.838721	1.000000	.680123	1.947809
9	.101600	.202368	.852342	1.000000	.697452	2.004501
10	.114300	.213643	.866333	1.000000	.716511	2.065057
11	.127000	.226392	.881191	1.000000	.738295	2.132163
12	.139700	.240393	.896108	1.000000	.761949	2.202717
13	.152400	.247984	.903714	1.000000	.774766	2.240019
14	.165100	.262943	.917816	1.000000	.800016	2.311747
15	.177800	.276429	.929613	1.000000	.822769	2.374525
16	.190500	.287335	.938584	1.000000	.841165	2.424092
17	.203200	.300674	.948926	1.000000	.863655	2.483350
18	.215900	.312465	.957541	1.000000	.883532	2.534567
19	.228600	.322634	.964606	1.000000	.900672	2.577915
20	.241300	.334720	.972597	1.000000	.921038	2.628493
21	.254000	.345553	.979411	1.000000	.939289	2.673007
22	.266700	.354396	.984856	1.000000	.954495	2.709536
23	.279400	.362576	.989619	1.000000	.968283	2.742234
24	.292100	.368692	.993079	1.000000	.978591	2.766430
25	.304800	.373040	.995487	1.000000	.985918	2.783501
26	.317500	.376725	.997495	1.000000	.992127	2.797886
27	.330200	.379009	.998726	1.000000	.995977	2.806767
28	.342900	.380409	.999475	1.000000	.998337	2.812196
29	.355600	.381146	.999867	1.000000	.999578	2.815049
30	.368300	.381588	1.000102	1.000000	1.000323	2.816760
31	.381000	.381736	1.000180	1.000000	1.000572	2.817330
32	.393700	.381736	1.000180	1.000000	1.000572	2.817330
33	.406400	.381736	1.000180	1.000000	1.000572	2.817330
34	.419100	.381736	1.000180	1.000000	1.000572	2.817330
35	.431800	.381736	1.000180	1.000000	1.000572	2.817330
36	.444500	.381736	1.000180	1.000000	1.000572	2.817330
37	.457200	.381736	1.000180	1.000000	1.000572	2.817330
38	.469900	.382030	1.000336	1.000000	1.001068	2.818470
39	.482600	.382030	1.000336	1.000000	1.001068	2.818470
40	.495300	.382030	1.000336	1.000000	1.001068	2.818470
41	.508000	.382251	1.000454	1.000000	1.001441	2.819324
42	.520700	.382251	1.000454	1.000000	1.001441	2.819324
43	.533400	.382251	1.000454	1.000000	1.001441	2.819324

STATION X= 3.96 CM PTO= 23.730 N/SQ CM TTO=302.67K
R= 2.588 CM PWALL= .8414 N/SQ CM CF= .00209 PI = .436
UE= 611.5 M/SEC RHOE=.00782 KG/CUB M RE= 19.067E6 /M
DELTA= .366 CM DELTA*= .0931 CM THETA= .0181 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.035457	.000000	1.000000	.384653	.000000
2	.012700	.116590	.698245	1.000000	.549512	1.463887
3	.025400	.133171	.737189	1.000000	.577911	1.584966
4	.038100	.147025	.765661	1.000000	.601715	1.679742
5	.050800	.158668	.786981	1.000000	.621519	1.754699
6	.063500	.169206	.804662	1.000000	.639410	1.819759
7	.076200	.180113	.821557	1.000000	.657900	1.884639
8	.088900	.189988	.835767	1.000000	.674621	1.941449
9	.101600	.201410	.851063	1.000000	.693945	2.005096
10	.114300	.213938	.866592	1.000000	.715121	2.072599
11	.127000	.228160	.882993	1.000000	.739393	2.147365
12	.139700	.238256	.893721	1.000000	.756448	2.198377
13	.152400	.250268	.905713	1.000000	.776729	2.257543
14	.165100	.262354	.917011	1.000000	.797127	2.315522
15	.177800	.275397	.928427	1.000000	.819133	2.376488
16	.190500	.286746	.937764	1.000000	.838273	2.428270
17	.203200	.299126	.947375	1.000000	.859148	2.483514
18	.215900	.307085	.953261	1.000000	.872565	2.518381
19	.228600	.321529	.963406	1.000000	.896909	2.580443
20	.241300	.332067	.970403	1.000000	.914667	2.624788
21	.254000	.344300	.978132	1.000000	.935277	2.675335
22	.266700	.353438	.983757	1.000000	.950979	2.713212
23	.279400	.363239	.989444	1.000000	.967497	2.752498
24	.292100	.368250	.992266	1.000000	.975943	2.772367
25	.304800	.373482	.995151	1.000000	.984760	2.792961
26	.317500	.376209	.996631	1.000000	.989354	2.803633
27	.330200	.378272	.997741	1.000000	.992831	2.811682
28	.342900	.380630	.998998	1.000000	.996805	2.820852
29	.355600	.381588	.999505	1.000000	.998419	2.824569
30	.368300	.382694	1.000088	1.000000	1.000282	2.828851
31	.381000	.383062	1.000282	1.000000	1.000903	2.830278
32	.393700	.383357	1.000437	1.000000	1.001399	2.831418
33	.406400	.383357	1.000437	1.000000	1.001399	2.831418
34	.419100	.383357	1.000437	1.000000	1.001399	2.831418
35	.431800	.383357	1.000437	1.000000	1.001399	2.831418
36	.444500	.383357	1.000437	1.000000	1.001399	2.831418
37	.457200	.383136	1.000321	1.000000	1.001027	2.830563
38	.469900	.383136	1.000321	1.000000	1.001027	2.830563
39	.482600	.383136	1.000321	1.000000	1.001027	2.830563
40	.495300	.382767	1.000127	1.000000	1.000406	2.829137
41	.508000	.382767	1.000127	1.000000	1.000406	2.829137
42	.520700	.382767	1.000127	1.000000	1.000406	2.829137
43	.533400	.382767	1.000127	1.000000	1.000406	2.829137

STATION X= 4.29 CM PTO= 23.730 N/SQ CM TTO=302.67K
R= 2.588 CM PWALL= .8952 N/SQ CM CF= .00210 PI [illegible]= .489
UE= 603.5 M/SEC RHOE=.00799 KG/CUB M RE= 18.483E6 /M
DELTA= .365 CM DELTA*= .0936 CM THETA= .0190 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.037726	.000000	1.000000	.400521	.000000
2	.012700	.113347	.679739	1.000000	.553960	1.384017
3	.025400	.132360	.726807	1.000000	.586134	1.522220
4	.038100	.147320	.758222	1.000000	.611147	1.621544
5	.050800	.159332	.780967	1.000000	.631366	1.697591
6	.063500	.168985	.797601	1.000000	.647431	1.755666
7	.076200	.178344	.812633	1.000000	.662982	1.810110
8	.088900	.190135	.830216	1.000000	.682547	1.876364
9	.101600	.199936	.843810	1.000000	.698792	1.929648
10	.114300	.212759	.860354	1.000000	.720024	1.997148
11	.127000	.225802	.875904	1.000000	.741603	2.063487
12	.139700	.238698	.890324	1.000000	.763178	2.127749
13	.152400	.249900	.901897	1.000000	.781698	2.181403
14	.165100	.261469	.913140	1.000000	.800819	2.235446
15	.177800	.273923	.924512	1.000000	.821392	2.292172
16	.190500	.285567	.934519	1.000000	.840620	2.343946
17	.203200	.296989	.943803	1.000000	.859476	2.393634
18	.215900	.308854	.952932	1.000000	.879057	2.444162
19	.228600	.319760	.960899	1.000000	.897053	2.489695
20	.241300	.330077	.968088	1.000000	.914073	2.532005
21	.254000	.340320	.974915	1.000000	.930968	2.573318
22	.266700	.349385	.980714	1.000000	.945916	2.609325
23	.279400	.357712	.985853	1.000000	.959647	2.641968
24	.292100	.364492	.989910	1.000000	.970825	2.668247
25	.304800	.370092	.993290	1.000000	.980374	2.690491
26	.317500	.374366	.995736	1.000000	.987424	2.706798
27	.330200	.377314	.997400	1.000000	.992287	2.717987
28	.342900	.379377	.998553	1.000000	.995690	2.725792
29	.355600	.380999	.999452	1.000000	.998364	2.731909
30	.368300	.382178	1.000103	1.000000	1.000309	2.736349
31	.381000	.382620	1.000346	1.000000	1.001038	2.738012
32	.393700	.383504	1.000832	1.000000	1.002497	2.741335
33	.406400	.383873	1.001033	1.000000	1.003104	2.742718
34	.419100	.384389	1.001315	1.000000	1.003955	2.744654
35	.431800	.384610	1.001436	1.000000	1.004320	2.745483
36	.444500	.384610	1.001436	1.000000	1.004320	2.745483
37	.457200	.384610	1.001436	1.000000	1.004320	2.745483
38	.469900	.385052	1.001677	1.000000	1.005049	2.747140
39	.482600	.384904	1.001597	1.000000	1.004806	2.746588
40	.495300	.384904	1.001597	1.000000	1.004806	2.746588
41	.508000	.384904	1.001597	1.000000	1.004806	2.746588
42	.520700	.384757	1.001516	1.000000	1.004563	2.746035
43	.533400	.384536	1.001396	1.000000	1.004198	2.745206

STATION X= 4.50 CM PTO= 23.730 N/SQ CM TTO=302.67K
R= 2.588 CM PWALL= .8465 N/SQ CM CF= .00207 PI = .477
UE= 610.0 M/SEC RHOE=.00781 KG/CUB M RE= 18.838E6 /M
DELTA= .369 CM DELTA*= .0956 CM THETA= .0187 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.035673	.000000	1.000000	.387706	.000000
2	.012700	.110621	.682144	1.000000	.542180	1.411438
3	.025400	.129265	.728606	1.000000	.574418	1.551747
4	.038100	.142972	.757674	1.000000	.597850	1.646239
5	.050800	.156015	.782544	1.000000	.620283	1.731881
6	.063500	.166038	.799809	1.000000	.637339	1.794261
7	.076200	.175618	.815132	1.000000	.653619	1.851844
8	.088900	.185492	.829857	1.000000	.670381	1.909317
9	.101600	.198462	.847739	1.000000	.692372	1.982194
10	.114300	.210106	.862550	1.000000	.712095	2.045347
11	.127000	.223297	.878243	1.000000	.734666	2.115309
12	.139700	.234424	.890425	1.000000	.753502	2.171970
13	.152400	.245257	.901561	1.000000	.771830	2.225718
14	.165100	.257195	.913086	1.000000	.792020	2.283462
15	.177800	.268175	.923057	1.000000	.810583	2.335292
16	.190500	.280408	.933521	1.000000	.831257	2.391695
17	.203200	.290725	.941863	1.000000	.848687	2.438237
18	.215900	.303843	.951887	1.000000	.870844	2.496144
19	.228600	.316591	.961057	1.000000	.892372	2.551152
20	.241300	.327572	.968541	1.000000	.910910	2.597585
21	.254000	.335825	.973932	1.000000	.924843	2.631944
22	.266700	.348648	.981936	1.000000	.946485	2.684443
23	.279400	.353806	.985145	1.000000	.955499	2.706010
24	.292100	.362133	.990010	1.000000	.969560	2.739310
25	.304800	.367734	.993191	1.000000	.979016	2.761479
26	.317500	.371345	.995204	1.000000	.985113	2.775678
27	.330200	.374956	.997188	1.000000	.991209	2.789804
28	.342900	.377019	.998309	1.000000	.994692	2.797844
29	.355600	.378935	.999342	1.000000	.997927	2.805289
30	.368300	.380114	.999974	1.000000	.999917	2.809860
31	.381000	.380999	1.000446	1.000000	1.001410	2.813284
32	.393700	.381588	1.000759	1.000000	1.002405	2.815564
33	.406400	.382251	1.001111	1.000000	1.003525	2.818127
34	.419100	.382473	1.001229	1.000000	1.003898	2.818981
35	.431800	.382841	1.001424	1.000000	1.004520	2.820403
36	.444500	.383136	1.001579	1.000000	1.005017	2.821541
37	.457200	.383209	1.001618	1.000000	1.005142	2.821825
38	.469900	.383283	1.001657	1.000000	1.005266	2.822109
39	.482600	.383431	1.001735	1.000000	1.005515	2.822677
40	.495300	.383431	1.001735	1.000000	1.005515	2.822677
41	.508000	.386526	1.003358	1.000000	1.010740	2.834588
42	.520700	.415192	1.017520	1.000000	1.059124	2.942595
43	.533400	.454249	1.034587	1.000000	1.125029	3.083635

STATION X= 4.80 CM PTO= 23.730 N/SQ CM TTO=302.67K
R= 2.588 CM PWALL= .8400 N/SQ CM CF= .00204 PI = .472
UE= 611.7 M/SEC RHOE=.00782 KG/CUB M RE= 19.095E6 /M
DELTA= .381 CM DELTA*= .0988 CM THETA= .0192 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.035399	.000000	1.000000	.384138	.000000
2	.012700	.109663	.679873	1.000000	.537007	1.410591
3	.025400	.129781	.729893	1.000000	.571716	1.562546
4	.038100	.143488	.758694	1.000000	.595102	1.657087
5	.050800	.154984	.780576	1.000000	.614863	1.732962
6	.063500	.166185	.799849	1.000000	.633894	1.803017
7	.076200	.174881	.813719	1.000000	.648647	1.855504
8	.088900	.186229	.830559	1.000000	.667879	1.921774
9	.101600	.197136	.845547	1.000000	.686341	1.983311
10	.114300	.206790	.857944	1.000000	.702669	2.036187
11	.127000	.218601	.872514	1.000000	.723211	2.100816
12	.139700	.231771	.886936	1.000000	.745135	2.167669
13	.152400	.244004	.899581	1.000000	.765801	2.228852
14	.165100	.253437	.908759	1.000000	.781729	2.274887
15	.177800	.266849	.921032	1.000000	.804369	2.338759
16	.190500	.278419	.930954	1.000000	.823892	2.392469
17	.203200	.287999	.938744	1.000000	.840053	2.436035
18	.215900	.298905	.947180	1.000000	.858448	2.484692
19	.228600	.310033	.955349	1.000000	.877211	2.533362
20	.241300	.321160	.963109	1.000000	.895971	2.581105
21	.254000	.334646	.972010	1.000000	.918702	2.637796
22	.266700	.342310	.976840	1.000000	.931618	2.669473
23	.279400	.351964	.982812	1.000000	.948192	2.709579
24	.292100	.358522	.986662	1.000000	.959250	2.736009
25	.304800	.365744	.990784	1.000000	.971425	2.764818
26	.317500	.369797	.993044	1.000000	.978257	2.780854
27	.330200	.373703	.995188	1.000000	.984841	2.796219
28	.342900	.376725	.996824	1.000000	.989934	2.808048
29	.355600	.378419	.997733	1.000000	.992791	2.814661
30	.368300	.379967	.998557	1.000000	.995399	2.820686
31	.381000	.382915	1.000115	1.000000	1.000367	2.832126
32	.393700	.402075	1.009815	1.000000	1.032658	2.905382
33	.406400	.450049	1.031297	1.000000	1.113491	3.081131
34	.419100	.456681	1.033992	1.000000	1.124664	3.104641
35	.431800	.458228	1.034612	1.000000	1.127271	3.110101
36	.444500	.459997	1.035316	1.000000	1.130250	3.116330
37	.457200	.462060	1.036133	1.000000	1.133726	3.123580
38	.469900	.463829	1.036829	1.000000	1.136705	3.129782
39	.482600	.465745	1.037578	1.000000	1.139933	3.136486
40	.495300	.467587	1.038293	1.000000	1.143036	3.142919
41	.508000	.468324	1.038578	1.000000	1.144277	3.145488
42	.520700	.469061	1.038863	1.000000	1.145519	3.148055
43	.533400	.470093	1.039260	1.000000	1.147257	3.151646

STATION X= 5.05 CM PTO= 23.730 N/SQ CM TTO=302.67K
R= 2.588 CM PWALL= .8784 N/SQ CM CF= .00222 PI*= .634
UE= 592.4 M/SEC RHOE=.00744 KG/CUB M RE= 16.029E6 /M
DELTA= .267 CM DELTA*= .0817 CM THETA= .0176 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.037017	.000000	1.000000	.422426	.000000
2	.012700	.108042	.683416	1.000000	.578476	1.359069
3	.025400	.128381	.736956	1.000000	.615497	1.511709
4	.038100	.141940	.767065	1.000000	.639882	1.604336
5	.050800	.152994	.789118	1.000000	.659690	1.675813
6	.063500	.163606	.808745	1.000000	.678894	1.742313
7	.076200	.174586	.827237	1.000000	.698508	1.807711
8	.088900	.184019	.841992	1.000000	.715335	1.861985
9	.101600	.193820	.856340	1.000000	.732801	1.916694
10	.114300	.204579	.871058	1.000000	.751955	1.974952
11	.127000	.214748	.884077	1.000000	.770045	2.028438
12	.139700	.229192	.901410	1.000000	.795982	2.102749
13	.152400	.237961	.911148	1.000000	.811571	2.146178
14	.165100	.250858	.924628	1.000000	.834486	2.208462
15	.177800	.262206	.935738	1.000000	.854641	2.261829
16	.190500	.272229	.945018	1.000000	.872434	2.307916
17	.203200	.285788	.956850	1.000000	.896499	2.368821
18	.215900	.294189	.963797	1.000000	.911404	2.405773
19	.228600	.308043	.974666	1.000000	.935979	2.465485
20	.241300	.315854	.980495	1.000000	.949832	2.498516
21	.254000	.330740	.991054	1.000000	.976225	2.560271
22	.266700	.344152	1.000000	1.000000	1.000000	2.614650
23	.279400	.368029	1.014849	1.000000	1.042651	2.709470
24	.292100	.407749	1.036480	1.000000	1.113061	2.859130
25	.304800	.432583	1.048467	1.000000	1.157071	2.948821
26	.317500	.444816	1.053996	1.000000	1.178747	2.992008
27	.330200	.450712	1.056578	1.000000	1.189192	3.012598
28	.342900	.455944	1.058827	1.000000	1.198462	3.030754
29	.355600	.461029	1.060975	1.000000	1.207471	3.048295
30	.368300	.464345	1.062356	1.000000	1.213346	3.059680
31	.381000	.465450	1.062813	1.000000	1.215304	3.063466
32	.393700	.466261	1.063147	1.000000	1.216740	3.066239
33	.406400	.467661	1.063722	1.000000	1.219221	3.071023
34	.419100	.468324	1.063994	1.000000	1.220396	3.073286
35	.431800	.469061	1.064295	1.000000	1.221702	3.075799
36	.444500	.470830	1.065014	1.000000	1.224835	3.081822
37	.457200	.472156	1.065551	1.000000	1.227185	3.086332
38	.469900	.472599	1.065729	1.000000	1.227968	3.087833
39	.482600	.473114	1.065937	1.000000	1.228882	3.089584
40	.495300	.473483	1.066085	1.000000	1.229535	3.090834
41	.508000	.474441	1.066469	1.000000	1.231232	3.094082
42	.520700	.475841	1.067029	1.000000	1.233712	3.098823
43	.533400	.476946	1.067469	1.000000	1.235670	3.102561

STATION X= 5.26 CM PTO= 23.730 N/SQ CM TTO=302.67K
R= 2.588 CM PWALL= .8630 N/SQ CM CF= .00158 PI = .871
UE= 632.4 M/SEC RHOE=.00903 KG/CUB M RE= 25.631E6 /M
DELTA= .374 CM DELTA*= .1195 CM THETA= .0199 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.036367	.000000	1.000000	.341732	.000000
2	.012700	.104136	.634518	1.000000	.464958	1.342748
3	.025400	.126465	.691073	1.000000	.498425	1.514145
4	.038100	.140540	.720681	1.000000	.519264	1.611686
5	.050800	.153731	.745520	1.000000	.538895	1.698459
6	.063500	.163753	.762550	1.000000	.553655	1.760888
7	.076200	.172449	.776305	1.000000	.566442	1.813235
8	.088900	.182839	.791639	1.000000	.581703	1.873793
9	.101600	.193599	.806392	1.000000	.597486	1.934433
10	.114300	.203105	.818576	1.000000	.611419	1.986426
11	.127000	.215190	.833039	1.000000	.629118	2.050573
12	.139700	.225507	.844725	1.000000	.644430	2.104490
13	.152400	.237298	.857072	1.000000	.661688	2.163652
14	.165100	.249236	.868762	1.000000	.679153	2.221919
15	.177600	.263680	.881930	1.000000	.700272	2.290400
16	.190500	.287557	.901657	1.000000	.735164	2.399260
17	.203200	.315486	.922012	1.000000	.775954	2.520567
18	.215900	.344005	.940304	1.000000	.817584	2.638628
19	.228600	.365818	.952977	1.000000	.849690	2.726190
20	.241300	.384389	.962836	1.000000	.876798	2.797989
21	.254000	.399938	.970563	1.000000	.899492	2.856709
22	.266700	.416592	.978354	1.000000	.923796	2.918285
23	.279400	.427572	.983238	1.000000	.939818	2.958177
24	.292100	.438184	.987780	1.000000	.955301	2.996222
25	.304800	.447617	.991679	1.000000	.969063	3.029637
26	.317500	.454618	.994492	1.000000	.979276	3.054230
27	.330200	.459260	.996321	1.000000	.986049	3.070380
28	.342900	.463682	.998036	1.000000	.992499	3.085710
29	.355600	.467072	.999335	1.000000	.997444	3.097411
30	.368300	.468398	.999839	1.000000	.999379	3.101978
31	.381000	.469282	1.000173	1.000000	1.000669	3.105019
32	.393700	.470240	1.000535	1.000000	1.002066	3.108310
33	.406400	.472009	1.001200	1.000000	1.004646	3.114376
34	.419100	.473630	1.001806	1.000000	1.007011	3.119926
35	.431800	.474441	1.002107	1.000000	1.008194	3.122698
36	.444500	.474736	1.002217	1.000000	1.008624	3.123705
37	.457200	.474736	1.002217	1.000000	1.008624	3.123705
38	.469900	.475325	1.002436	1.000000	1.009484	3.125718
39	.482600	.476652	1.002926	1.000000	1.011418	3.130243
40	.495300	.477389	1.003198	1.000000	1.012493	3.132755
41	.508000	.478199	1.003496	1.000000	1.013676	3.135515
42	.520700	.478936	1.003766	1.000000	1.014751	3.138022
43	.533400	.480926	1.004493	1.000000	1.017653	3.144780

STATION X= 5.54 CM PTO= 23.730 N/SQ CM TTO=302.67K
R= 2.588 CM PWALL= 1.2337 N/SQ CM CF= .00166 PI =1.375
UE= 579.4 M/SEC RHOE=.00986 KG/CUB M RE= 19.658E6 /M
DELTA= .267 CM DELTA*= .0885 CM THETA= .0190 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.051989	.000000	1.000000	.447612	.000000
2	.012700	.088145	.503458	1.000000	.520487	.902247
3	.025400	.107968	.582636	1.000000	.550918	1.074230
4	.038100	.130444	.649003	1.000000	.583336	1.231297
5	.050800	.149678	.694413	1.000000	.610130	1.347368
6	.063500	.172080	.739023	1.000000	.640992	1.469741
7	.076200	.190725	.770879	1.000000	.666346	1.563122
8	.088900	.212538	.803645	1.000000	.695867	1.665267
9	.101600	.233614	.831826	1.000000	.724545	1.758821
10	.114300	.256164	.858444	1.000000	.754914	1.852752
11	.127000	.276503	.880026	1.000000	.782258	1.933424
12	.139700	.296621	.899456	1.000000	.809269	2.009941
13	.152400	.314307	.915172	1.000000	.832994	2.074818
14	.165100	.328677	.927279	1.000000	.852543	2.126793
15	.177800	.341205	.937130	1.000000	.869342	2.170460
16	.190500	.355133	.947527	1.000000	.888011	2.217979
17	.203200	.368029	.956674	1.000000	.905290	2.261073
18	.215900	.384831	.967955	1.000000	.927795	2.315997
19	.228600	.399864	.977489	1.000000	.947925	2.364042
20	.241300	.414676	.986407	1.000000	.967753	2.410432
21	.254000	.427867	.993982	1.000000	.985406	2.450996
22	.266700	.438774	1.000000	1.000000	1.000000	2.484029
23	.279400	.447838	1.004843	1.000000	1.012127	2.511148
24	.292100	.455428	1.008792	1.000000	1.022281	2.533631
25	.304800	.460587	1.011423	1.000000	1.029181	2.548797
26	.317500	.463092	1.012685	1.000000	1.032533	2.556130
27	.330200	.465966	1.014121	1.000000	1.036377	2.564516
28	.342900	.468103	1.015181	1.000000	1.039235	2.570733
29	.355600	.469724	1.015980	1.000000	1.041403	2.575440
30	.368300	.471788	1.016992	1.000000	1.044163	2.581418
31	.381000	.473483	1.017818	1.000000	1.046430	2.586318
32	.393700	.475767	1.018925	1.000000	1.049485	2.592907
33	.406400	.477462	1.019741	1.000000	1.051752	2.597785
34	.419100	.479305	1.020624	1.000000	1.054216	2.603077
35	.431800	.481810	1.021816	1.000000	1.057566	2.610257
36	.444500	.482989	1.022374	1.000000	1.059143	2.613628
37	.457200	.484684	1.023173	1.000000	1.061410	2.618467
38	.469900	.485863	1.023726	1.000000	1.062987	2.621828
39	.482600	.486674	1.024105	1.000000	1.064071	2.624137
40	.495300	.487558	1.024518	1.000000	1.065253	2.626652
41	.508000	.488516	1.024964	1.000000	1.066534	2.629375
42	.520700	.488885	1.025135	1.000000	1.067027	2.630421
43	.533400	.489400	1.025374	1.000000	1.067717	2.631885

STATION X= 5.79 CM PTO= 23.730 N/SQ CM TTO=302.67K
R= 2.588 CM PWALL= 1.6188 N/SQ CM CF= .00128 PI =2.300
UE= 558.9 M/SEC RHOE=.01191 KG/CUB M RE= 21.217E6 /M
DELTA= .241 CM DELTA*= .0925 CM THETA= .0209 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.068219	.000000	1.000000	.485971	.000000
2	.012700	.099420	.445503	1.000000	.541183	.753697
3	.025400	.112168	.507610	1.000000	.560164	.873698
4	.038100	.130223	.574911	1.000000	.585435	1.011611
5	.050800	.150783	.627025	1.000000	.609059	1.125352
6	.063500	.173628	.677716	1.000000	.636165	1.243102
7	.076200	.194335	.716314	1.000000	.660063	1.338351
8	.088900	.217622	.754082	1.000000	.686688	1.437050
9	.101600	.242899	.789614	1.000000	.715181	1.535666
10	.114300	.265080	.817271	1.000000	.740061	1.616865
11	.127000	.287630	.842865	1.000000	.765523	1.695942
12	.139700	.313644	.869226	1.000000	.794559	1.781845
13	.152400	.336857	.890538	1.000000	.820419	1.855002
14	.165100	.359554	.909651	1.000000	.845668	1.923749
15	.177800	.385936	.930009	1.000000	.874981	2.000600
16	.190500	.407086	.945067	1.000000	.898458	2.060085
17	.203200	.430152	.960536	1.000000	.924354	2.123767
18	.215900	.456828	.976914	1.000000	.953949	2.194283
19	.228600	.481294	.990840	1.000000	.981076	2.256984
20	.241300	.498759	1.000204	1.000000	1.000433	2.300682
21	.254000	.508339	1.005152	1.000000	1.011048	2.324297
22	.266700	.503918	1.002885	1.000000	1.006149	2.313428
23	.279400	.490137	.995638	1.000000	.990877	2.279216
24	.292100	.480410	.990353	1.000000	.980095	2.254749
25	.304800	.475030	.987367	1.000000	.974132	2.241101
26	.317500	.473999	.986789	1.000000	.972988	2.238474
27	.330200	.474883	.987285	1.000000	.973968	2.240726
28	.342900	.476136	.987985	1.000000	.975357	2.243912
29	.355600	.477610	.988805	1.000000	.976991	2.247655
30	.368300	.479305	.989743	1.000000	.978870	2.251951
31	.381000	.480263	.990272	1.000000	.979932	2.254376
32	.393700	.481147	.990759	1.000000	.980912	2.256612
33	.406400	.482842	.991688	1.000000	.982791	2.260891
34	.419100	.484316	.992493	1.000000	.984425	2.264605
35	.431800	.485716	.993254	1.000000	.985977	2.268128
36	.444500	.486526	.993693	1.000000	.986875	2.270165
37	.457200	.488148	.994569	1.000000	.988672	2.274233
38	.469900	.489253	.995164	1.000000	.989897	2.277003
39	.482600	.490211	.995678	1.000000	.990959	2.279400
40	.495300	.491316	.996269	1.000000	.992184	2.282164
41	.508000	.492643	.996977	1.000000	.993654	2.285475
42	.520700	.493896	.997642	1.000000	.995043	2.288598
43	.533400	.495001	.998228	1.000000	.996268	2.291350

ID NO. 11312-011

STATION X= 6.05 CM PTO= 23.730 N/SQ CM TTO=302.67K
R= 2.588 CM PWALL= 1.8013 N/SQ CM CF= .00123 PI =2.423
UE= 555.7 M/SEC RHOE=.01310 KG/CUB M RE= 22.938E6 /M
DELTA= .243 CM DELTA*= .0930 CM THETA= .0212 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.075907	.000000	1.000000	.491816	.000000
2	.012700	.114748	.468120	1.000000	.553449	.791571
3	.025400	.126096	.515389	1.000000	.568565	.883323
4	.038100	.140466	.563304	1.000000	.586369	.980443
5	.050800	.158005	.608222	1.000000	.605681	1.075916
6	.063500	.178934	.654125	1.000000	.628472	1.178686
7	.076200	.204505	.701166	1.000000	.655615	1.290446
8	.088900	.227423	.737339	1.000000	.679570	1.381588
9	.101600	.253805	.773801	1.000000	.706921	1.478798
10	.114300	.281293	.806928	1.000000	.735036	1.572474
11	.127000	.312022	.839578	1.000000	.766324	1.670557
12	.139700	.334499	.861293	1.000000	.789411	1.739390
13	.152400	.366850	.889234	1.000000	.822215	1.832749
14	.165100	.394042	.910418	1.000000	.849737	1.907557
15	.177800	.422782	.930866	1.000000	.878788	1.983462
16	.190500	.452775	.950368	1.000000	.909073	2.059613
17	.203200	.479378	.966477	1.000000	.936227	2.125573
18	.215900	.501412	.978804	1.000000	.958461	2.178096
19	.228600	.523594	.990499	1.000000	.980834	2.229698
20	.241300	.541575	.999498	1.000000	.998963	2.270653
21	.254000	.547765	1.002502	1.000000	1.005203	2.284580
22	.266700	.550565	1.003846	1.000000	1.008026	2.290852
23	.279400	.549239	1.003210	1.000000	1.006689	2.287883
24	.292100	.547102	1.002182	1.000000	1.004535	2.283092
25	.304800	.545849	1.001577	1.000000	1.003272	2.280279
26	.317500	.546144	1.001720	1.000000	1.003569	2.280941
27	.330200	.546660	1.001969	1.000000	1.004089	2.282099
28	.342900	.542901	1.000145	1.000000	1.000301	2.273645
29	.355600	.523520	.990461	1.000000	.980760	2.229529
30	.368300	.500160	.978122	1.000000	.957197	2.175145
31	.381000	.487779	.971264	1.000000	.944705	2.145754
32	.393700	.485789	.970140	1.000000	.942698	2.140992
33	.406400	.484758	.969555	1.000000	.941656	2.138518
34	.419100	.485716	.970099	1.000000	.942623	2.140815
35	.431800	.486895	.970765	1.000000	.943813	2.143639
36	.444500	.488590	.971720	1.000000	.945523	2.147691
37	.457200	.489548	.972258	1.000000	.946490	2.149977
38	.469900	.490727	.972918	1.000000	.947680	2.152789
39	.482600	.491685	.973453	1.000000	.948647	2.155070
40	.495300	.492569	.973945	1.000000	.949539	2.157174
41	.508000	.494190	.974845	1.000000	.951175	2.161025
42	.520700	.495369	.975496	1.000000	.952364	2.163822
43	.533400	.496033	.975862	1.000000	.953034	2.165393

STATION X= 6.30 CM PTO= 23.730 N/SQ CM TTO=302.67K
R= 2.588 CM PWALL= 1.9727 N/SQ CM CF= .00117 PI =2.587
UE= 549.7 M/SEC RHOE=.01403 KG/CUB M RE= 23.826E6 /M
DELTA= .246 CM DELTA*= .0944 CM THETA= .0219 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.083133	.000000	1.000000	.502712	.000000
2	.012700	.122264	.458095	1.000000	.561286	.763268
3	.025400	.135455	.511674	1.000000	.577960	.865109
4	.038100	.150341	.559596	1.000000	.595436	.960332
5	.050800	.165301	.600607	1.000000	.612605	1.045465
6	.063500	.181955	.633987	1.000000	.628296	1.117614
7	.076200	.204284	.676346	1.000000	.650745	1.213399
8	.088900	.227645	.714730	1.000000	.673908	1.304882
9	.101600	.258153	.757397	1.000000	.703359	1.412672
10	.114300	.287999	.793865	1.000000	.732178	1.510719
11	.127000	.317918	.825819	1.000000	.760693	1.601838
12	.139700	.347321	.854072	1.000000	.788867	1.687039
13	.152400	.383209	.884534	1.000000	.822875	1.784474
14	.165100	.411876	.906409	1.000000	.849981	1.858481
15	.177800	.444006	.928742	1.000000	.880317	1.937955
16	.190500	.472525	.946892	1.000000	.907211	2.005782
17	.203200	.505097	.965953	1.000000	.937899	2.080476
18	.215900	.528900	.979067	1.000000	.960632	2.134124
19	.228600	.550344	.990070	1.000000	.980827	2.180676
20	.241300	.565893	.997695	1.000000	.995465	2.213807
21	.254000	.577021	1.002979	1.000000	1.005938	2.237210
22	.266700	.582327	1.005451	1.000000	1.010932	2.248282
23	.279400	.583727	1.006098	1.000000	1.012249	2.251194
24	.292100	.584537	1.006472	1.000000	1.013012	2.252878
25	.304800	.584390	1.006404	1.000000	1.012873	2.252572
26	.317500	.583432	1.005962	1.000000	1.011972	2.250581
27	.330200	.581590	1.005109	1.000000	1.010238	2.246747
28	.342900	.579232	1.004013	1.000000	1.008019	2.241830
29	.355600	.575473	1.002253	1.000000	1.004482	2.233970
30	.368300	.570462	.999882	1.000000	.999766	2.223446
31	.381000	.564051	.996806	1.000000	.993731	2.209908
32	.393700	.559114	.994405	1.000000	.989083	2.199424
33	.406400	.557198	.993466	1.000000	.987279	2.195341
34	.419100	.554102	.991939	1.000000	.984366	2.188731
35	.431800	.546144	.987961	1.000000	.976872	2.171638
36	.444500	.522709	.975779	1.000000	.954801	2.120493
37	.457200	.502149	.964295	1.000000	.935123	2.073830
38	.469900	.493896	.959584	1.000000	.927349	2.055103
39	.482600	.490579	.957663	1.000000	.924225	2.047530
40	.495300	.491611	.958262	1.000000	.925197	2.049889
41	.508000	.492274	.958647	1.000000	.925821	2.051404
42	.520700	.493306	.959244	1.000000	.926793	2.053759
43	.533400	.494485	.959924	1.000000	.927904	2.056447

STATION X= 6.27 CM PTO= 23.730 N/SQ CM TTO=302.67K
R= 2.588 CM PWALL= 2.0859 N/SQ CM CF= .00117 PI =2.588
UE= 546.7 M/SEC RHOE=.01468 KG/CUB M RE= 24.556E6 /M
DELTA= .252 CM DELTA*= .0957 CM THETA= .0226 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.087902	.000000	1.000000	.508032	.000000
2	.012700	.130223	.464655	1.000000	.568407	.770848
3	.025400	.143488	.515328	1.000000	.584380	.866842
4	.038100	.156236	.554997	1.000000	.598767	.944991
5	.050800	.171270	.596029	1.000000	.615626	1.029045
6	.063500	.189767	.632095	1.000000	.632323	1.106014
7	.076200	.210253	.670390	1.000000	.652244	1.191353
8	.088900	.235087	.710076	1.000000	.675623	1.284296
9	.101600	.261248	.746659	1.000000	.700031	1.374641
10	.114300	.289546	.781487	1.000000	.726233	1.465440
11	.127000	.322929	.817307	1.000000	.756709	1.564437
12	.139700	.356680	.849200	1.000000	.787376	1.658095
13	.152400	.387852	.875770	1.000000	.815888	1.740659
14	.165100	.418950	.899533	1.000000	.844020	1.818452
15	.177800	.451154	.921908	1.000000	.873103	1.895519
16	.190500	.486747	.944380	1.000000	.905201	1.977094
17	.203200	.514456	.960451	1.000000	.930162	2.038276
18	.215900	.542017	.975534	1.000000	.955287	2.098059
19	.228600	.565672	.987543	1.000000	.976586	2.147433
20	.241300	.582179	.995533	1.000000	.991442	2.181212
21	.254000	.592791	1.000511	1.000000	1.000991	2.202648
22	.266700	.598097	1.002955	1.000000	1.005764	2.213287
23	.279400	.602592	1.005003	1.000000	1.009808	2.222260
24	.292100	.604140	1.005703	1.000000	1.011200	2.225341
25	.304800	.603698	1.005503	1.000000	1.010803	2.224461
26	.317500	.603329	1.005336	1.000000	1.010471	2.223728
27	.330200	.602592	1.005003	1.000000	1.009808	2.222260
28	.342900	.601708	1.004601	1.000000	1.009013	2.220498
29	.355600	.600308	1.003965	1.000000	1.007753	2.217705
30	.368300	.598981	1.003359	1.000000	1.006560	2.215055
31	.381000	.597065	1.002482	1.000000	1.004836	2.211223
32	.393700	.594928	1.001499	1.000000	1.002914	2.206940
33	.406400	.593454	1.000818	1.000000	1.001588	2.203981
34	.419100	.591317	.999827	1.000000	.999665	2.199684
35	.431800	.589549	.999003	1.000000	.998073	2.196121
36	.444500	.585274	.996998	1.000000	.994228	2.187486
37	.457200	.580190	.994587	1.000000	.989652	2.177168
38	.469900	.573484	.991363	1.000000	.983617	2.163484
39	.482600	.566409	.987907	1.000000	.977249	2.148952
40	.495300	.561545	.985497	1.000000	.972871	2.138903
41	.508000	.552776	.981081	1.000000	.964976	2.120661
42	.520700	.531626	.969853	1.000000	.945621	2.075261
43	.533400	.508634	.957170	1.000000	.924919	2.025578

ID NO. 11312-014

STATION X= 7.04 CM PTO= 23.730 N/SQ CM TTO=302.67K
R= 2.588 CM PWALL= 2.3301 N/SQ CM CF= .00120 PI =2.525
UE= 537.2 M/SEC RHOE=.01587 KG/CUB M RE= 25.301E6 /M
DELTA= .262 CM DELTA*= .0962 CM THETA= .0237 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.098191	.000000	1.000000	.525083	.000000
2	.012700	.147099	.479214	1.000000	.589360	.782347
3	.025400	.160068	.523827	1.000000	.603762	.865566
4	.038100	.173923	.563307	1.000000	.618252	.941906
5	.050800	.187777	.598785	1.000000	.632842	1.012975
6	.063500	.204726	.629727	1.000000	.646918	1.077103
7	.076200	.223960	.664601	1.000000	.664467	1.152068
8	.088900	.241667	.692957	1.000000	.680204	1.215363
9	.101600	.272818	.736483	1.000000	.707276	1.317156
10	.114300	.296768	.765734	1.000000	.727732	1.389132
11	.127000	.331772	.803968	1.000000	.757662	1.488184
12	.139700	.366186	.836798	1.000000	.786702	1.578359
13	.152400	.401485	.866773	1.000000	.816304	1.665434
14	.165100	.434868	.892531	1.000000	.844625	1.744355
15	.177800	.469356	.916443	1.000000	.873489	1.821437
16	.190500	.502518	.937436	1.000000	.901198	1.892481
17	.203200	.532363	.954873	1.000000	.926106	1.954141
18	.215900	.563609	.971827	1.000000	.952158	2.016616
19	.228600	.579895	.980186	1.000000	.965729	2.048405
20	.241300	.604729	.992542	1.000000	.986738	2.096668
21	.254000	.614972	.997371	1.000000	.995273	2.115961
22	.266700	.623152	1.001151	1.000000	1.002087	2.131238
23	.279400	.627058	1.002932	1.000000	1.005340	2.138494
24	.292100	.629048	1.003834	1.000000	1.006998	2.142181
25	.304800	.629711	1.004134	1.000000	1.007550	2.143408
26	.317500	.629490	1.004034	1.000000	1.007366	2.142999
27	.330200	.629269	1.003934	1.000000	1.007182	2.142590
28	.342900	.629269	1.003934	1.000000	1.007182	2.142590
29	.355600	.629269	1.003934	1.000000	1.007182	2.142590
30	.368300	.629637	1.004101	1.000000	1.007489	2.143272
31	.381000	.628974	1.003801	1.000000	1.006936	2.142044
32	.393700	.628974	1.003801	1.000000	1.006936	2.142044
33	.406400	.628532	1.003601	1.000000	1.006568	2.141225
34	.419100	.627648	1.003200	1.000000	1.005831	2.139587
35	.431800	.627574	1.003166	1.000000	1.005770	2.139450
36	.444500	.627574	1.003166	1.000000	1.005770	2.139450
37	.457200	.627500	1.003133	1.000000	1.005709	2.139314
38	.469900	.626542	1.002698	1.000000	1.004911	2.137537
39	.482600	.625068	1.002026	1.000000	1.003683	2.134801
40	.495300	.624479	1.001757	1.000000	1.003192	2.133705
41	.508000	.624184	1.001623	1.000000	1.002946	2.133157
42	.520700	.623226	1.001184	1.000000	1.002148	2.131376
43	.533400	.622637	1.000914	1.000000	1.001657	2.130278

ID NO. 11312-015

STATION X= 7.57 CM PTO= 23.730 N/SQ CM TTO=302.67K
R= 2.588 CM PWALL= 2.5722 N/SQ CM CF= .00123 PI =2.426
UE= 530.1 M/SEC RHOE=.01711 KG/CUB M RE= 26.354E6 /M
DELTA= .272 CM DELTA*= .0965 CM THETA= .0247 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.108394	.000000	1.000000	.537563	.000000
2	.012700	.165060	.494860	1.000000	.606213	.799083
3	.025400	.179523	.538790	1.000000	.620916	.880508
4	.038100	.192493	.572047	1.000000	.633416	.944220
5	.050800	.206126	.604698	1.000000	.646960	1.008728
6	.063500	.221381	.629816	1.000000	.658320	1.059809
7	.076200	.238698	.659707	1.000000	.673012	1.122430
8	.088900	.258522	.690399	1.000000	.689555	1.189000
9	.101600	.285051	.726345	1.000000	.711035	1.270239
10	.114300	.314454	.761637	1.000000	.734632	1.353878
11	.127000	.344068	.793917	1.000000	.758708	1.434200
12	.139700	.379967	.827226	1.000000	.786425	1.521422
13	.152400	.413571	.855608	1.000000	.812684	1.599679
14	.165100	.447175	.881302	1.000000	.838857	1.674040
15	.177800	.483873	.907031	1.000000	.867666	1.752248
16	.190500	.523741	.932111	1.000000	.898604	1.832520
17	.203200	.554987	.950142	1.000000	.922814	1.892964
18	.215900	.582695	.965081	1.000000	.944261	1.944942
19	.228600	.611067	.979459	1.000000	.966204	1.996721
20	.241300	.629858	.988513	1.000000	.980729	2.030269
21	.254000	.644818	.995472	1.000000	.992287	2.056576
22	.266700	.652998	.999188	1.000000	.998606	2.070815
23	.279400	.656682	1.000842	1.000000	1.001452	2.077197
24	.292100	.658967	1.001862	1.000000	1.003216	2.081143
25	.304800	.658967	1.001862	1.000000	1.003216	2.081143
26	.317500	.658893	1.001829	1.000000	1.003159	2.081016
27	.330200	.657051	1.001007	1.000000	1.001737	2.077834
28	.342900	.654988	1.000083	1.000000	1.000143	2.074264
29	.355600	.652629	.999022	1.000000	.998321	2.070176
30	.368300	.649313	.997522	1.000000	.995760	2.064413
31	.381000	.645702	.995877	1.000000	.992970	2.058120
32	.393700	.642533	.994423	1.000000	.990522	2.052581
33	.406400	.639438	.992994	1.000000	.988131	2.047156
34	.419100	.635754	.991281	1.000000	.985284	2.040678
35	.431800	.631995	.989520	1.000000	.982380	2.034049
36	.444500	.629048	.988130	1.000000	.980102	2.028834
37	.457200	.625511	.986450	1.000000	.977368	2.022558
38	.469900	.623226	.985358	1.000000	.975603	2.018494
39	.482600	.621679	.984615	1.000000	.974407	2.015736
40	.495300	.619468	.983551	1.000000	.972698	2.011790
41	.508000	.617257	.982481	1.000000	.970989	2.007835
42	.520700	.616225	.981980	1.000000	.970192	2.005987
43	.533400	.615488	.981621	1.000000	.969622	2.004666

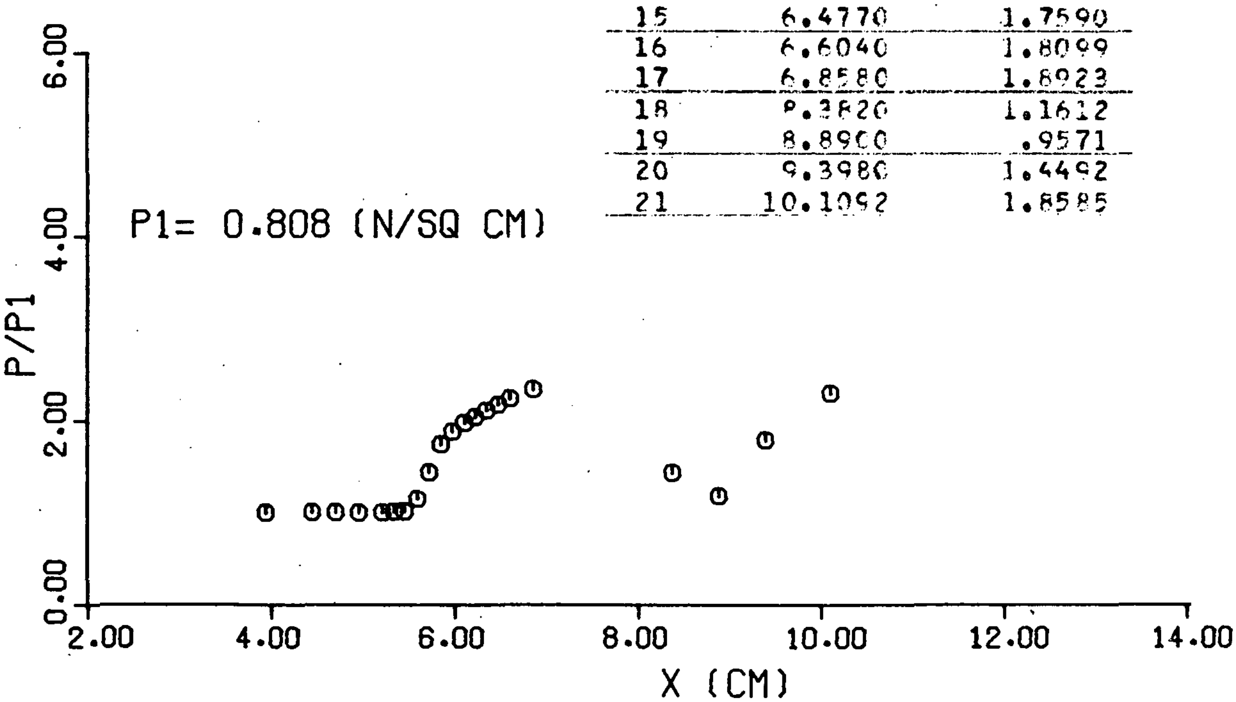
STATION X= 8.08 CM PTO= 23.730 N/SQ CM TTO=302.67K
R= 2.588 CM PWALL= 2.5729 N/SQ CM CF= .00143 PI = 1.950
UE= 525.1 M/SEC RHOE=.01665 KG/CUB M RE= 25.334E6 /M
DELTA= .285 CM DELTA*= .0933 CM THETA= .0251 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.108423	.000000	1.000000	.940198	.000000
2	.012700	.174365	.528880	1.000000	.625609	.852613
3	.025400	.192198	.576631	1.000000	.643260	.942615
4	.038100	.205758	.609219	1.000000	.656825	1.006333
5	.050800	.220054	.633339	1.000000	.667747	1.054837
6	.063500	.235677	.661079	1.000000	.681319	1.112172
7	.076200	.254911	.691229	1.000000	.697416	1.176552
8	.088900	.275176	.720251	1.000000	.714372	1.240764
9	.101600	.297063	.748391	1.000000	.732336	1.305350
10	.114300	.321971	.777130	1.000000	.752406	1.373925
11	.127000	.346068	.802755	1.000000	.771942	1.437536
12	.139700	.376282	.831640	1.000000	.796045	1.512333
13	.152400	.403622	.855443	1.000000	.817765	1.576698
14	.165100	.434647	.880178	1.000000	.842335	1.646480
15	.177800	.464934	.902576	1.000000	.866550	1.712474
16	.190500	.500528	.926418	1.000000	.894638	1.785969
17	.203200	.526910	.942761	1.000000	.915424	1.838469
18	.215900	.556018	.959635	1.000000	.938332	1.894644
19	.228600	.579821	.972616	1.000000	.957046	1.939330
20	.241300	.598023	.982090	1.000000	.971351	1.972799
21	.254000	.613204	.989711	1.000000	.983275	2.000271
22	.266700	.623595	.994786	1.000000	.991433	2.018854
23	.279400	.631332	.998495	1.000000	.997508	2.032579
24	.292100	.637080	1.001212	1.000000	1.002019	2.042713
25	.304800	.639291	1.002249	1.000000	1.003755	2.046598
26	.317500	.640986	1.003040	1.000000	1.005085	2.049570
27	.330200	.641944	1.003486	1.000000	1.005837	2.051249
28	.342900	.641944	1.003486	1.000000	1.005837	2.051249
29	.355600	.641797	1.003417	1.000000	1.005721	2.050991
30	.368300	.641797	1.003417	1.000000	1.005721	2.050991
31	.381000	.641428	1.003246	1.000000	1.005432	2.050545
32	.393700	.641207	1.003143	1.000000	1.005258	2.049958
33	.406400	.640839	1.002971	1.000000	1.004969	2.049312
34	.419100	.640028	1.002593	1.000000	1.004333	2.047891
35	.431800	.639733	1.002455	1.000000	1.004102	2.047374
36	.444500	.639070	1.002145	1.000000	1.003581	2.046210
37	.457200	.638628	1.001938	1.000000	1.003234	2.045433
38	.469900	.637891	1.001593	1.000000	1.002656	2.044139
39	.482600	.637522	1.001420	1.000000	1.002366	2.043491
40	.495300	.636122	1.000762	1.000000	1.001268	2.041028
41	.508000	.635680	1.000553	1.000000	1.000921	2.040250
42	.520700	.634943	1.000206	1.000000	1.000342	2.038952
43	.533400	.633764	.999649	1.000000	.999417	2.036873

ID NO. 11312-016

PTO= 23.7517 N/SQ CM
TTO= 301.6667 K
PBAF= 766.4000 MMHG
TMAN= 298.9444 K

I	X(CM)	P(N/SQ CM)
1	3.9497	.8080
2	4.4577	.8111
3	4.7117	.8111
4	4.9657	.8091
5	5.2197	.8121
6	5.3467	.8179
7	5.4610	.8224
8	5.6007	.9298
9	5.7277	1.1630
10	5.8547	1.4081
11	5.9817	1.5216
12	6.1087	1.5982
13	6.2230	1.6495
14	6.3500	1.7080
15	6.4770	1.7590
16	6.6040	1.8099
17	6.8580	1.8923
18	8.3820	1.1612
19	8.8900	.9571
20	9.3980	1.4492
21	10.1092	1.8585



ID NO. 11312 -016

STATION X= 3.95 CM PTO= 23.650 N/SQ CM TTO=297.00K
R= 2.576 CM PWALL= .8082 N/SQ CM CF= .00181 PI[illegible]= .859
UE= 604.1 M/SEC RHOE=.00759 KG/CUB M RE= 18.470E6 /M
DELTA= .350 CM DELTA*= .1085 CM THETA= .0207 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.034172	.000000	1.000000	.387949	.000000
2	.012700	.064642	.521583	1.000000	.465450	.999429
3	.025400	.094588	.647589	1.000000	.521911	1.313982
4	.038100	.116031	.709656	1.000000	.560810	1.492614
5	.050800	.132298	.747922	1.000000	.589923	1.613415
6	.063500	.145977	.776115	1.000000	.614496	1.708745
7	.076200	.156403	.795343	1.000000	.633040	1.777305
8	.088900	.167272	.813753	1.000000	.652340	1.845957
9	.101600	.176663	.828481	1.000000	.668992	1.903203
10	.114300	.186275	.842555	1.000000	.686021	1.960014
11	.127000	.197367	.857673	1.000000	.705652	2.023528
12	.139700	.207423	.870452	1.000000	.723438	2.079396
13	.152400	.218366	.883623	1.000000	.743031	2.139255
14	.165100	.228718	.895151	1.000000	.761332	2.193691
15	.177800	.239809	.906747	1.000000	.780931	2.250528
16	.190500	.251492	.918197	1.000000	.801566	2.308860
17	.203200	.262731	.928542	1.000000	.821411	2.363598
18	.215900	.272343	.936914	1.000000	.838378	2.409414
19	.228600	.282030	.944941	1.000000	.855472	2.454707
20	.241300	.293934	.954290	1.000000	.876475	2.509240
21	.254000	.304804	.962367	1.000000	.895648	2.558004
22	.266700	.316413	.970549	1.000000	.916121	2.609070
23	.279400	.327282	.977826	1.000000	.935286	2.655985
24	.292100	.336155	.983619	1.000000	.951236	2.694405
25	.304800	.344436	.988728	1.000000	.965843	2.729118
26	.317500	.351535	.992966	1.000000	.978363	2.758521
27	.330200	.357968	.996699	1.000000	.989708	2.784898
28	.342900	.362108	.999049	1.000000	.997010	2.801744
29	.355600	.364696	1.000498	1.000000	1.001574	2.812221
30	.368300	.366175	1.001319	1.000000	1.004181	2.818191
31	.381000	.367063	1.001809	1.000000	1.005746	2.821766
32	.393700	.367728	1.002176	1.000000	1.006919	2.824445
33	.406400	.368467	1.002582	1.000000	1.008223	2.827418
34	.419100	.368467	1.002582	1.000000	1.008223	2.827418
35	.431800	.368467	1.002582	1.000000	1.008223	2.827418
36	.444500	.367506	1.002053	1.000000	1.006528	2.823552
37	.457200	.367728	1.002176	1.000000	1.006919	2.824445
38	.469900	.367506	1.002053	1.000000	1.006528	2.823552
39	.482600	.367506	1.002053	1.000000	1.006528	2.823552
40	.495300	.367506	1.002053	1.000000	1.006528	2.823552
41	.508000	.367506	1.002053	1.000000	1.006528	2.823552
42	.520700	.367506	1.002053	1.000000	1.006528	2.823552
43	.546100	.367506	1.002053	1.000000	1.006528	2.823552

ID NO. 11312-018

STATION X= 4.46 CM PTO= 23.650 N/SQ CM TTO=297.00K
R= 2.576 CM PWALL= .8112 N/SQ CM CF= .00178 PI = .935
UE= 601.9 M/SEC RHOE=.00753 KG/CUB M RE= 18.058E6 /M
DELTA= .337 CM DELTA*= .1068 CM THETA= .0205 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.034302	.000000	1.000000	.392405	.000000
2	.012700	.062941	.511911	1.000000	.466716	.973074
3	.025400	.092000	.639841	1.000000	.522334	1.286682
4	.038100	.113517	.704599	1.000000	.561900	1.469591
5	.050800	.129045	.742353	1.000000	.589939	1.586496
6	.063500	.141467	.768767	1.000000	.612262	1.673743
7	.076200	.153371	.791752	1.000000	.633814	1.753861
8	.088900	.162614	.807959	1.000000	.650362	1.812976
9	.101600	.172300	.823745	1.000000	.667681	1.872849
10	.114300	.183096	.840061	1.000000	.686961	1.937324
11	.127000	.194409	.855883	1.000000	.707144	2.002598
12	.139700	.205352	.870038	1.000000	.726651	2.063723
13	.152400	.215482	.882541	1.000000	.744945	2.119445
14	.165100	.227313	.895955	1.000000	.766023	2.181887
15	.177800	.238182	.907476	1.000000	.785379	2.237691
16	.190500	.249421	.918662	1.000000	.805385	2.293943
17	.203200	.260661	.929176	1.000000	.825383	2.348827
18	.215900	.273157	.940153	1.000000	.847610	2.408362
19	.228600	.284618	.949620	1.000000	.867990	2.461684
20	.241300	.296744	.959057	1.000000	.889548	2.516858
21	.254000	.307909	.967291	1.000000	.909392	2.566599
22	.266700	.319370	.975299	1.000000	.929758	2.616664
23	.279400	.328983	.981701	1.000000	.946837	2.657921
24	.292100	.339334	.988407	1.000000	.965538	2.702376
25	.304800	.347394	.993341	1.000000	.979863	2.735939
26	.317500	.352644	.996456	1.000000	.989193	2.757579
27	.330200	.356711	.998839	1.000000	.996420	2.774226
28	.342900	.360408	1.000962	1.000000	1.002990	2.789273
29	.355600	.362626	1.002220	1.000000	1.006931	2.798262
30	.368300	.364548	1.003302	1.000000	1.010347	2.806029
31	.381000	.365953	1.004087	1.000000	1.012844	2.811691
32	.393700	.366397	1.004333	1.000000	1.013632	2.813477
33	.406400	.367063	1.004703	1.000000	1.014815	2.816153
34	.419100	.367728	1.005072	1.000000	1.015997	2.818827
35	.431800	.367876	1.005153	1.000000	1.016260	2.819421
36	.444500	.369650	1.006131	1.000000	1.019413	2.826537
37	.457200	.369946	1.006293	1.000000	1.019939	2.827721
38	.469900	.370316	1.006495	1.000000	1.020596	2.829201
39	.482600	.370686	1.006698	1.000000	1.021252	2.830680
40	.495300	.370686	1.006698	1.000000	1.021252	2.830680
41	.508000	.370686	1.006698	1.000000	1.021252	2.830680
42	.520700	.370686	1.006698	1.000000	1.021252	2.830680
43	.546100	.370686	1.006698	1.000000	1.021252	2.830680

STATION X= 4.71 CM PTO= 23.650 N/SQ CM TTO=297.00K
R= 2.576 CM PWALL= .8112 N/SQ CM CF= .00176 PI = .964
UE= 602.2 M/SEC RHOE=.00755 KG/CUB M RE= 18.118E6 /M
DELTA= .341 CM DELTA*= .1091 CM THETA= .0209 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.034302	.000000	1.000000	.391845	.000000
2	.012700	.063163	.513031	1.000000	.466519	.976143
3	.025400	.088377	.626929	1.000000	.514928	1.253217
4	.038100	.111742	.699564	1.000000	.557886	1.455577
5	.050800	.127714	.738939	1.000000	.586704	1.576842
6	.063500	.139544	.764518	1.000000	.607944	1.660559
7	.076200	.150414	.785944	1.000000	.627617	1.734499
8	.088900	.160766	.804441	1.000000	.646132	1.801315
9	.101600	.170526	.820561	1.000000	.663563	1.862029
10	.114300	.180730	.836207	1.000000	.681764	1.923383
11	.127000	.191156	.851066	1.000000	.700342	1.984052
12	.139700	.202543	.866138	1.000000	.720615	2.048207
13	.152400	.212377	.878453	1.000000	.738356	2.102742
14	.165100	.223912	.891785	1.000000	.758881	2.164124
15	.177800	.234707	.903455	1.000000	.778081	2.220004
16	.190500	.246538	.915437	1.000000	.799111	2.279644
17	.203200	.256890	.925293	1.000000	.817507	2.330558
18	.215900	.269755	.936804	1.000000	.840361	2.392306
19	.228600	.281586	.946733	1.000000	.861370	2.447693
20	.241300	.293565	.956203	1.000000	.882636	2.502510
21	.254000	.304878	.964657	1.000000	.902715	2.553190
22	.266700	.316930	.973181	1.000000	.924103	2.606087
23	.279400	.327134	.980040	1.000000	.942207	2.650038
24	.292100	.337042	.986518	1.000000	.960093	2.692754
25	.304800	.344880	.991364	1.000000	.974004	2.725514
26	.317500	.351165	.995135	1.000000	.985158	2.751501
27	.330200	.356341	.998135	1.000000	.994343	2.772717
28	.342900	.360038	1.000291	1.000000	1.000904	2.787772
29	.355600	.362996	1.001968	1.000000	1.006152	2.799757
30	.368300	.364992	1.003088	1.000000	1.009694	2.807818
31	.381000	.365953	1.003625	1.000000	1.011400	2.811691
32	.393700	.367284	1.004364	1.000000	1.013761	2.817045
33	.406400	.368172	1.004854	1.000000	1.015336	2.820608
34	.419100	.368837	1.005221	1.000000	1.016517	2.823278
35	.431800	.368911	1.005262	1.000000	1.016648	2.823574
36	.444500	.368911	1.005262	1.000000	1.016648	2.823574
37	.457200	.368911	1.005262	1.000000	1.016648	2.823574
38	.469900	.368541	1.005058	1.000000	1.015992	2.822092
39	.482600	.368541	1.005058	1.000000	1.015992	2.822092
40	.495300	.368541	1.005058	1.000000	1.015992	2.822092
41	.508000	.368541	1.005058	1.000000	1.015992	2.822092
42	.520700	.368911	1.005262	1.000000	1.016648	2.823574
43	.546100	.388506	1.015631	1.000000	1.051412	2.901062

ID NO. 11312-020

STATION X= 4.97 CM PTO= 23.650 N/SQ CM TTO=297.00K
R= 2.576 CM PWALL= .8092 N/SQ CM CF= .00188 PI = .765
UE= 603.4 M/SEC RHOE=.00758 KG/CUB M RE= 18.346E6 /M
DELTA= .349 CM DELTA*= .1035 CM THETA= .0200 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.034215	.000000	1.000000	.339296	.000000
2	.012700	.080983	.598320	1.000000	.498218	1.182781
3	.025400	.103017	.674105	1.000000	.538829	1.385843
4	.038100	.119728	.719323	1.000000	.569141	1.519828
5	.050800	.134516	.753160	1.000000	.595637	1.627941
6	.063500	.145608	.775899	1.000000	.615639	1.705019
7	.076200	.156551	.796130	1.000000	.635148	1.776979
8	.088900	.166089	.812373	1.000000	.652124	1.837304
9	.101600	.175924	.827929	1.000000	.669604	1.897418
10	.114300	.186423	.843359	1.000000	.688246	1.959499
11	.127000	.196849	.857608	1.000000	.706741	2.019201
12	.139700	.208754	.872720	1.000000	.727842	2.085230
13	.152400	.219623	.885720	1.000000	.747348	2.144462
14	.165100	.232193	.899544	1.000000	.769617	2.210144
15	.177800	.243950	.911589	1.000000	.790435	2.269825
16	.190500	.255854	.923003	1.000000	.811505	2.328677
17	.203200	.268277	.934156	1.000000	.833484	2.388520
18	.215900	.280403	.944370	1.000000	.854933	2.445507
19	.228600	.293565	.954775	1.000000	.878206	2.505876
20	.241300	.304952	.963255	1.000000	.898336	2.556944
21	.254000	.317226	.971901	1.000000	.920030	2.610861
22	.266700	.326838	.978341	1.000000	.937016	2.652313
23	.279400	.336673	.984760	1.000000	.954699	2.694738
24	.292100	.344732	.989733	1.000000	.968947	2.728530
25	.304800	.351757	.993929	1.000000	.981363	2.757598
26	.317500	.356341	.996601	1.000000	.989466	2.776404
27	.330200	.359520	.998425	1.000000	.995036	2.789371
28	.342900	.362922	1.000349	1.000000	1.001097	2.803177
29	.355600	.372978	1.005885	1.000000	1.018869	2.843599
30	.368300	.423480	1.030623	1.000000	1.108096	3.038430
31	.381000	.445736	1.040141	1.000000	1.147409	3.120414
32	.393700	.447881	1.041020	1.000000	1.151196	3.128198
33	.406400	.448694	1.041351	1.000000	1.152632	3.131146
34	.419100	.450247	1.041981	1.000000	1.155375	3.136766
35	.431800	.450321	1.042011	1.000000	1.155506	3.137033
36	.444500	.450321	1.042011	1.000000	1.155506	3.137033
37	.457200	.450321	1.042011	1.000000	1.155506	3.137033
38	.469900	.451800	1.042608	1.000000	1.158117	3.142375
39	.482600	.451800	1.042608	1.000000	1.158117	3.142375
40	.495300	.451800	1.042608	1.000000	1.158117	3.142375
41	.508000	.451873	1.042638	1.000000	1.158248	3.142642
42	.520700	.455792	1.044204	1.000000	1.165170	3.156754
43	.546100	.457271	1.044790	1.000000	1.167781	3.162063

STATION X= 5.22 CM PTO= 23.650 N/SQ CM TTO=297.00K
R= 2.576 CM PWALL= .8123 N/SQ CM CF= .00134 PI [illegible] =1.238
UE= 629.5 M/SEC RHOE=.00882 KG/CUB M RE= 25.900E6 /M
DELTA= .415 CM DELTA*= .1485 CM THETA= .0236 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.034345	.000000	1.000000	.335449	.000000
2	.012700	.062054	.483728	1.000000	.397216	.959511
3	.025400	.086454	.592693	1.000000	.437607	1.233978
4	.038100	.107528	.657547	1.000000	.470694	1.419814
5	.050800	.123351	.696833	1.000000	.495301	1.543585
6	.063500	.136365	.724708	1.000000	.515302	1.637304
7	.076200	.147678	.746535	1.000000	.532809	1.715142
8	.088900	.156995	.762939	1.000000	.547064	1.776005
9	.101600	.166681	.778703	1.000000	.561863	1.837055
10	.114300	.177402	.794855	1.000000	.578221	1.902262
11	.127000	.187015	.808311	1.000000	.592871	1.958813
12	.139700	.199215	.824157	1.000000	.611448	2.028267
13	.152400	.209641	.835725	1.000000	.627311	2.085738
14	.165100	.220141	.848732	1.000000	.643494	2.142782
15	.177800	.232489	.861736	1.000000	.662273	2.207131
16	.190500	.243580	.872645	1.000000	.679132	2.263343
17	.203200	.254671	.882897	1.000000	.695985	2.318171
18	.215900	.267241	.893796	1.000000	.715078	2.378761
19	.228600	.279516	.903772	1.000000	.733715	2.436452
20	.241300	.291716	.913094	1.000000	.752235	2.492457
21	.254000	.302364	.920789	1.000000	.768394	2.540314
22	.266700	.312715	.927907	1.000000	.784101	2.585985
23	.279400	.323881	.935214	1.000000	.801039	2.634348
24	.292100	.333937	.941488	1.000000	.816292	2.677152
25	.304800	.353235	.952890	1.000000	.845838	2.758176
26	.317500	.403220	.978312	1.000000	.921661	2.955960
27	.330200	.434054	.991735	1.000000	.968418	3.071585
28	.342900	.441448	.994738	1.000000	.979630	3.098669
29	.355600	.445071	.996181	1.000000	.985123	3.111853
30	.368300	.448768	.997635	1.000000	.990729	3.125249
31	.381000	.448768	.997635	1.000000	.990729	3.125249
32	.393700	.452835	.999213	1.000000	.996895	3.139918
33	.406400	.454314	.999782	1.000000	.999137	3.145236
34	.419100	.455127	1.000093	1.000000	1.000370	3.148156
35	.431800	.456014	1.000432	1.000000	1.001715	3.151339
36	.444500	.458011	1.001190	1.000000	1.004742	3.158489
37	.457200	.458011	1.001190	1.000000	1.004742	3.158489
38	.469900	.458011	1.001190	1.000000	1.004742	3.158489
39	.482600	.458676	1.001442	1.000000	1.005751	3.160869
40	.495300	.459416	1.001721	1.000000	1.006872	3.163511
41	.508000	.460229	1.002027	1.000000	1.008105	3.166415
42	.520700	.461708	1.002581	1.000000	1.010347	3.171687
43	.546100	.462003	1.002692	1.000000	1.010795	3.172741

STATION X= 5.47 CM PTO= 23.650 N/SQ CM TTO=297.00K
R= 2.576 CM PWALL= .8225 N/SQ CM CF= .00133 PI =1.558
UE= 620.6 M/SEC RHOE=.00846 KG/CUB M RE= 23.172E6 /M
DELTA= .300 CM DELTA*= .1180 CM THETA= .0195 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.034779	.000000	1.000000	.354156	.000000
2	.012700	.059466	.469045	1.000000	.412812	.910000
3	.025400	.079134	.569149	1.000000	.447850	1.150121
4	.038100	.098803	.638223	1.000000	.480584	1.336006
5	.050800	.117953	.690500	1.000000	.511736	1.491552
6	.063500	.132520	.723624	1.000000	.535128	1.598430
7	.076200	.144498	.747907	1.000000	.554463	1.681648
8	.088900	.157068	.770654	1.000000	.574529	1.763869
9	.101600	.167198	.787392	1.000000	.590668	1.827319
10	.114300	.180064	.806835	1.000000	.611136	1.904747
11	.127000	.199437	.833121	1.000000	.641906	2.015557
12	.139700	.219845	.857538	1.000000	.674500	2.126648
13	.152400	.237739	.876464	1.000000	.702873	2.218830
14	.165100	.252971	.891118	1.000000	.727009	2.294332
15	.177800	.268498	.904859	1.000000	.751601	2.368788
16	.190500	.284987	.918291	1.000000	.777705	2.445340
17	.203200	.301698	.930831	1.000000	.804150	2.520523
18	.215900	.319296	.943008	1.000000	.831990	2.597322
19	.228600	.336894	.954254	1.000000	.859822	2.671895
20	.241300	.354123	.964566	1.000000	.887354	2.743670
21	.254000	.374013	.975474	1.000000	.918817	2.823458
22	.266700	.390132	.983698	1.000000	.944310	2.886491
23	.279400	.404329	.990528	1.000000	.966760	2.940881
24	.292100	.418082	.996807	1.000000	.988506	2.992624
25	.304800	.428434	1.001329	1.000000	1.004873	3.030984
26	.317500	.435163	1.004179	1.000000	1.015511	3.055658
27	.330200	.440634	1.006447	1.000000	1.024161	3.075577
28	.342900	.443518	1.007626	1.000000	1.028720	3.086022
29	.355600	.446550	1.008851	1.000000	1.033512	3.096965
30	.368300	.448176	1.009504	1.000000	1.036084	3.102821
31	.381000	.449581	1.010064	1.000000	1.038305	3.107869
32	.393700	.450986	1.010622	1.000000	1.040525	3.112910
33	.406400	.452835	1.011352	1.000000	1.043448	3.119529
34	.419100	.454609	1.012048	1.000000	1.046253	3.125870
35	.431800	.456458	1.012769	1.000000	1.049175	3.132462
36	.444500	.456680	1.012856	1.000000	1.049526	3.133252
37	.457200	.457715	1.013257	1.000000	1.051162	3.136937
38	.469900	.459120	1.013800	1.000000	1.053383	3.141930
39	.482600	.459933	1.014112	1.000000	1.054668	3.144817
40	.495300	.460155	1.014198	1.000000	1.055019	3.145604
41	.508000	.460599	1.014368	1.000000	1.055720	3.147178
42	.520700	.461042	1.014538	1.000000	1.056422	3.148750
43	.546100	.461338	1.014651	1.000000	1.056889	3.149798

STATION X= 5.73 CM PTO= 23.650 N/SQ CM TTO=297.00K
R= 2.576 CM PWALL= 1.1631 N/SQ CM CF= .00147 PI =1.452
UE= 585.6 M/SEC RHOE=.00998 KG/CUB M RE= 21.528E6 /M
DELTA= .368 CM DELTA*= .1070 CM THETA= .0208 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.049179	.000000	1.000000	.424870	.000000
2	.012700	.074328	.439926	1.000000	.478084	.791357
3	.025400	.084606	.499670	1.000000	.496107	.915611
4	.038100	.097398	.557272	1.000000	.517256	1.042702
5	.050800	.115587	.613901	1.000000	.542446	1.176297
6	.063500	.133481	.661470	1.000000	.567737	1.296654
7	.076200	.154037	.706953	1.000000	.596258	1.420196
8	.088900	.173557	.743805	1.000000	.623148	1.527550
9	.101600	.193078	.775691	1.000000	.649701	1.626619
10	.114300	.212820	.804381	1.000000	.676680	1.721447
11	.127000	.233524	.830911	1.000000	.704684	1.814647
12	.139700	.253340	.853670	1.000000	.731434	1.899408
13	.152400	.275079	.876159	1.000000	.760735	1.988107
14	.165100	.295709	.895465	1.000000	.768507	2.068672
15	.177800	.321219	.917186	1.000000	.823098	2.164828
16	.190500	.345767	.935863	1.000000	.856112	2.252775
17	.203200	.373939	.955188	1.000000	.893972	2.349585
18	.215900	.398857	.970673	1.000000	.927442	2.431961
19	.228600	.417269	.981268	1.000000	.952164	2.491057
20	.241300	.425476	.985780	1.000000	.963182	2.516948
21	.254000	.427325	.986779	1.000000	.965663	2.522743
22	.266700	.429543	.987970	1.000000	.968641	2.529678
23	.279400	.433832	.990247	1.000000	.974397	2.543033
24	.292100	.438416	.992646	1.000000	.980550	2.557230
25	.304800	.441891	.994441	1.000000	.985215	2.567940
26	.317500	.445736	.996404	1.000000	.990375	2.579737
27	.330200	.448102	.997599	1.000000	.993550	2.586970
28	.342900	.449877	.998490	1.000000	.995932	2.592381
29	.355600	.451208	.999155	1.000000	.997718	2.596432
30	.368300	.452909	1.000000	1.000000	1.000000	2.601599
31	.381000	.454018	1.000549	1.000000	1.001488	2.604963
32	.393700	.455053	1.001059	1.000000	1.002877	2.608099
33	.406400	.455644	1.001350	1.000000	1.003671	2.609889
34	.419100	.456532	1.001786	1.000000	1.004862	2.612572
35	.431800	.457345	1.002184	1.000000	1.005953	2.615029
36	.444500	.458380	1.002689	1.000000	1.007342	2.618153
37	.457200	.459194	1.003084	1.000000	1.008434	2.620605
38	.469900	.460525	1.003730	1.000000	1.010220	2.624611
39	.482600	.461486	1.004194	1.000000	1.011509	2.627501
40	.495300	.461708	1.004301	1.000000	1.011807	2.628168
41	.508000	.462225	1.004550	1.000000	1.012502	2.629722
42	.520700	.463260	1.005048	1.000000	1.013891	2.632829
43	.546100	.465405	1.006073	1.000000	1.016768	2.639251

STATION X= 5.98 CM PTO= 23.650 N/SQ CM TTO=297.00K
R= 2.576 CM PWALL= 1.5218 N/SQ CM CF= .00151 PI [illegible]=1.632
UE= 547.9 M/SEC RHOE=.01117 KG/CUB M RE= 19.462E6 /M
DELTA= .368 CM DELTA*= .0098 CM THETA= .0190 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.064346	.000000	1.000000	.496459	.000000
2	.012700	.085271	.391800	1.000000	.538049	.647195
3	.025400	.094588	.454971	1.000000	.554228	.762761
4	.038100	.105088	.509613	1.000000	.571150	.867312
5	.050800	.120393	.570510	1.000000	.593775	.989998
6	.063500	.136661	.618668	1.000000	.614986	1.092574
7	.076200	.154998	.665130	1.000000	.638751	1.197106
8	.088900	.176663	.711177	1.000000	.666100	1.307098
9	.101600	.198476	.750446	1.000000	.692971	1.406816
10	.114300	.221250	.786484	1.000000	.721041	1.503940
11	.127000	.246242	.820895	1.000000	.751438	1.602487
12	.139700	.270791	.851014	1.000000	.781428	1.694109
13	.152400	.295191	.877567	1.000000	.810929	1.779640
14	.165100	.322254	.903979	1.000000	.843577	1.869740
15	.177800	.347912	.926542	1.000000	.874478	1.951192
16	.190500	.375862	.948799	1.000000	.908098	2.036109
17	.203200	.401815	.967791	1.000000	.939598	2.112573
18	.215900	.428434	.985477	1.000000	.971584	2.187495
19	.228600	.450321	.998947	1.000000	.997869	2.247189
20	.241300	.470211	1.010438	1.000000	1.021747	2.300072
21	.254000	.484999	1.018557	1.000000	1.039494	2.338604
22	.266700	.495869	1.024310	1.000000	1.052535	2.366520
23	.279400	.503485	1.028238	1.000000	1.061672	2.385882
24	.292100	.509474	1.031269	1.000000	1.068856	2.400998
25	.304800	.512875	1.032968	1.000000	1.072936	2.409539
26	.317500	.506664	1.029853	1.000000	1.065486	2.393919
27	.330200	.485369	1.018756	1.000000	1.039937	2.339559
28	.342900	.463260	1.006499	1.000000	1.013404	2.281734
29	.355600	.454461	1.001395	1.000000	1.002841	2.258302
30	.368300	.452095	1.000000	1.000000	1.000000	2.251958
31	.381000	.452095	1.000000	1.000000	1.000000	2.251958
32	.393700	.452835	1.000437	1.000000	1.000888	2.253942
33	.406400	.454314	1.001309	1.000000	1.002663	2.257906
34	.419100	.455940	1.002263	1.000000	1.004616	2.262257
35	.431800	.457271	1.003040	1.000000	1.006214	2.265811
36	.444500	.458750	1.003900	1.000000	1.007989	2.269753
37	.457200	.460155	1.004713	1.000000	1.009676	2.273492
38	.469900	.461708	1.005608	1.000000	1.011540	2.277617
39	.482600	.462447	1.006033	1.000000	1.012428	2.279578
40	.495300	.463852	1.006838	1.000000	1.014114	2.283300
41	.508000	.464665	1.007302	1.000000	1.015090	2.285453
42	.520700	.465479	1.007765	1.000000	1.016067	2.287603
43	.546100	.467697	1.009022	1.000000	1.018729	2.293456

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STATION X= 6.24 CM PTO= 23.650 N/SQ CM TTO=297.00K
R= 2.576 CM PWALL= 1.6497 N/SQ CM CF= .00097 PI =3.143
UE= 559.6 M/SEC RHOE=.01266 KG/CUB M RE= 23.496E6 /M
DELTA= .263 CM DELTA*= .1097 CM THETA= .0232 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.069753	.000000	1.000000	.474730	.000000
2	.012700	.094514	.397836	1.000000	.517776	.673329
3	.025400	.105162	.459029	1.000000	.533811	.788837
4	.038100	.115809	.506680	1.000000	.548726	.882805
5	.050800	.129340	.554901	1.000000	.566327	.982204
6	.063500	.143537	.593868	1.000000	.582671	1.066238
7	.076200	.160766	.635585	1.000000	.602596	1.160485
8	.088900	.181839	.678566	1.000000	.626178	1.262974
9	.101600	.203652	.716742	1.000000	.650174	1.359348
10	.114300	.227757	.753485	1.000000	.676462	1.457636
11	.127000	.254302	.788571	1.000000	.705012	1.557371
12	.139700	.281660	.820342	1.000000	.734292	1.653416
13	.152400	.308279	.848048	1.000000	.762945	1.742290
14	.165100	.334528	.872390	1.000000	.790905	1.824844
15	.177800	.362552	.895852	1.000000	.820701	1.908894
16	.190500	.391907	.918063	1.000000	.851867	1.993019
17	.203200	.421705	.938503	1.000000	.883468	2.074838
18	.215900	.451800	.957476	1.000000	.915666	2.155010
19	.228600	.479897	.973572	1.000000	.945438	2.226576
20	.241300	.504298	.986547	1.000000	.971279	2.286878
21	.254000	.523079	.995963	1.000000	.991162	2.332214
22	.266700	.534392	1.001412	1.000000	1.003136	2.359097
23	.279400	.540825	1.004440	1.000000	1.009944	2.374245
24	.292100	.542969	1.005438	1.000000	1.012213	2.379273
25	.304800	.542674	1.005300	1.000000	1.011900	2.378580
26	.317500	.539790	1.003956	1.000000	1.008849	2.371814
27	.330200	.534910	1.001657	1.000000	1.003684	2.360319
28	.342900	.528995	.998832	1.000000	.997423	2.346309
29	.355600	.525297	.997044	1.000000	.993510	2.337510
30	.368300	.524040	.996432	1.000000	.992180	2.334511
31	.381000	.524928	.996864	1.000000	.993119	2.336628
32	.393700	.522266	.995565	1.000000	.990301	2.330269
33	.406400	.507551	.988212	1.000000	.974724	2.294797
34	.419100	.478345	.972716	1.000000	.943793	2.222682
35	.431800	.463556	.964370	1.000000	.928125	2.185245
36	.444500	.458750	.961581	1.000000	.923032	2.172937
37	.457200	.457271	.960714	1.000000	.921465	2.169135
38	.469900	.456014	.959975	1.000000	.920133	2.165899
39	.482600	.454683	.959189	1.000000	.918722	2.162466
40	.495300	.453574	.958532	1.000000	.917547	2.159602
41	.508000	.451800	.957476	1.000000	.915666	2.155010
42	.520700	.450173	.956503	1.000000	.913941	2.150793
43	.546100	.446845	.954498	1.000000	.910414	2.142139

STATION X= 6.46 CM PTO= 23.650 N/SQ CM TTO=297.00K
R= 2.576 CM PWALL= 1.7591 N/SQ CM CF= .00097 PI =3.150
UE= 556.3 M/SEC RHOE=.01333 KG/CUB M RE= 24.275E6 /M
DELTA= .266 CM DELTA*= .1098 CM THETA= .0236 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.074380	.000000	1.000000	.481037	.000000
2	.012700	.101243	.403104	1.000000	.525337	.678579
3	.025400	.113443	.467899	1.000000	.542696	.800561
4	.038100	.123277	.508941	1.000000	.555741	.881187
5	.050800	.135995	.552413	1.000000	.571551	.969964
6	.063500	.150192	.590398	1.000000	.587271	1.050820
7	.076200	.168086	.632179	1.000000	.606913	1.143846
8	.088900	.187385	.670980	1.000000	.627694	1.234662
9	.101600	.208754	.707920	1.000000	.650119	1.325698
10	.114300	.233302	.744695	1.000000	.675425	1.421449
11	.127000	.261696	.782054	1.000000	.704715	1.524783
12	.139700	.289794	.814210	1.000000	.733333	1.619390
13	.152400	.318335	.843423	1.000000	.762547	1.710579
14	.165100	.349243	.871377	1.000000	.793853	1.803185
15	.177800	.377710	.894506	1.000000	.822628	1.884297
16	.190500	.408839	.917383	1.000000	.854046	1.969046
17	.203200	.440265	.938301	1.000000	.885724	2.050952
18	.215900	.470655	.956923	1.000000	.916637	2.127845
19	.228600	.500157	.973371	1.000000	.946350	2.199219
20	.241300	.524558	.986017	1.000000	.970911	2.256515
21	.254000	.542378	.994757	1.000000	.988842	2.297442
22	.266700	.554061	1.000275	1.000000	1.000595	2.323876
23	.279400	.560050	1.003043	1.000000	1.006619	2.337310
24	.292100	.562194	1.004024	1.000000	1.008776	2.342101
25	.304800	.562564	1.004192	1.000000	1.009148	2.342926
26	.317500	.561233	1.003585	1.000000	1.007809	2.339954
27	.330200	.559015	1.002568	1.000000	1.005578	2.334994
28	.342900	.555909	1.001134	1.000000	1.002454	2.328031
29	.355600	.552582	.999586	1.000000	.999107	2.320547
30	.368300	.548219	.997536	1.000000	.994719	2.310697
31	.381000	.543339	.995217	1.000000	.989809	2.299628
32	.393700	.537498	.992403	1.000000	.983932	2.286308
33	.406400	.531582	.989510	1.000000	.977980	2.272738
34	.419100	.524632	.986054	1.000000	.970986	2.256687
35	.431800	.515241	.981285	1.000000	.961535	2.234815
36	.444500	.505629	.976279	1.000000	.951858	2.212199
37	.457200	.499122	.972816	1.000000	.945308	2.196755
38	.469900	.494242	.970179	1.000000	.940394	2.185099
39	.482600	.488475	.967017	1.000000	.934586	2.171242
40	.495300	.470581	.956880	1.000000	.916562	2.127663
41	.508000	.436789	.936085	1.000000	.882222	2.042060
42	.520700	.419561	.924749	1.000000	.864858	1.997378
43	.546100	.412906	.920206	1.000000	.858148	1.979841

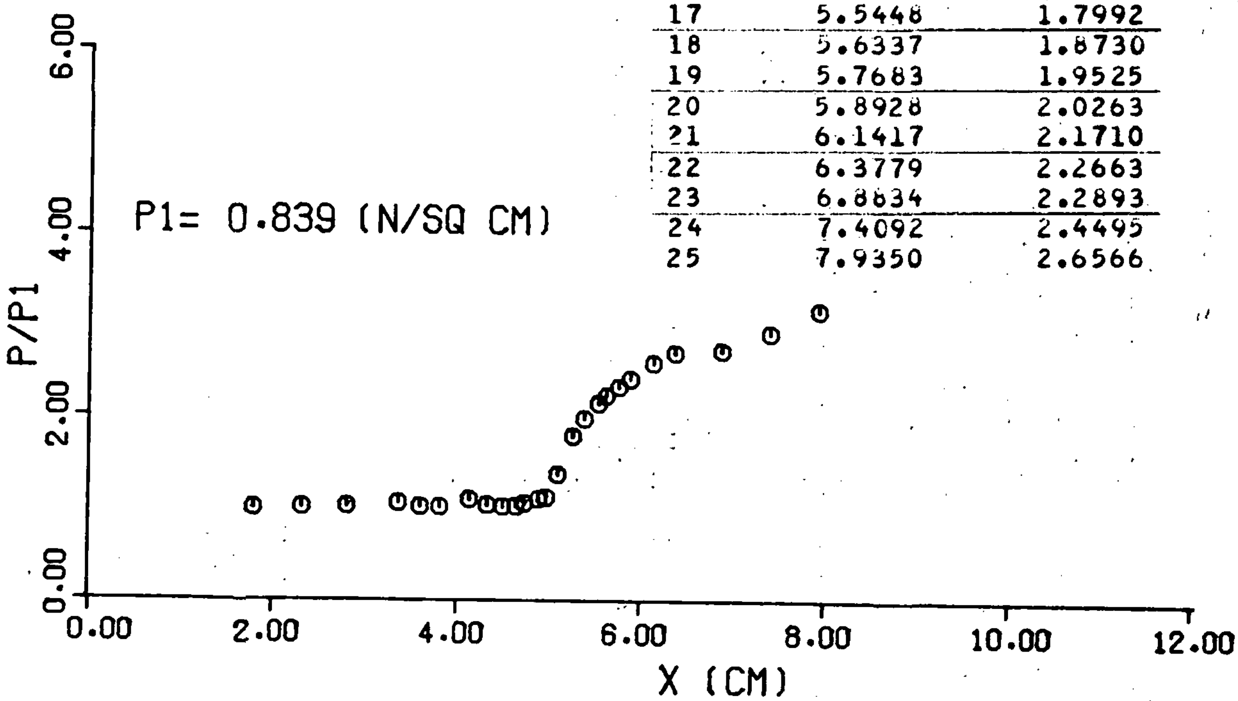
STATION X= 6.73 CM PTO= 23.650 N/SQ CM TTO=297.00K
R= 2.576 CM PWALL= 1.8924 N/SQ CM CF= .00107 PI =2.884
UE= 543.3 M/SEC RHOE=.01366 KG/CUB M RE= 23.228E6 /M
DELTA= .273 CM DELTA*= .1068 CM THETA= .0246 CM

I	Y(CM)	PT/PTO.	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.080018	.000000	1.000000	.504934	.000000
2	.012700	.112704	.433941	1.000000	.556845	.716964
3	.025400	.124386	.489081	1.000000	.572760	.819533
4	.038100	.134886	.529110	1.000000	.586177	.896932
5	.050800	.146273	.565495	1.000000	.599908	.969774
6	.063500	.159287	.602540	1.000000	.615575	1.046707
7	.076200	.173853	.632763	1.000000	.629766	1.111808
8	.088900	.192560	.670447	1.000000	.649460	1.196300
9	.101600	.212525	.705447	1.000000	.670004	1.278504
10	.114300	.234707	.739857	1.000000	.692633	1.363321
11	.127000	.261326	.776195	1.000000	.719553	1.457812
12	.139700	.289350	.809619	1.000000	.747505	1.549839
13	.152400	.318187	.840126	1.000000	.776133	1.638746
14	.165100	.347838	.868391	1.000000	.805742	1.725888
15	.177800	.376379	.892697	1.000000	.833943	1.804975
16	.190500	.408100	.917130	1.000000	.865226	1.888839
17	.203200	.438786	.938567	1.000000	.895444	1.966452
18	.215900	.465479	.955697	1.000000	.921701	2.031488
19	.228600	.492467	.971940	1.000000	.948541	2.095882
20	.241300	.514872	.984413	1.000000	.970566	2.147281
21	.254000	.527516	.991136	1.000000	.982991	2.175742
22	.266700	.541269	.998208	1.000000	.996502	2.206274
23	.279400	.546962	1.001065	1.000000	1.002095	2.218789
24	.292100	.548663	1.001911	1.000000	1.003765	2.222513
25	.304800	.548219	1.001691	1.000000	1.003329	2.221542
26	.317500	.545631	1.000401	1.000000	1.000787	2.215870
27	.330200	.542674	.998917	1.000000	.997882	2.209369
28	.342900	.539125	.997122	1.000000	.994396	2.201542
29	.355600	.535280	.995159	1.000000	.990619	2.193031
30	.368300	.530769	.992832	1.000000	.986187	2.183004
31	.381000	.526924	.990827	1.000000	.982409	2.174418
32	.393700	.523153	.988841	1.000000	.978704	2.165965
33	.406400	.518643	.986441	1.000000	.974272	2.155809
34	.419100	.514724	.984333	1.000000	.970420	2.146946
35	.431800	.510435	.982001	1.000000	.966205	2.137203
36	.444500	.506368	.979766	1.000000	.962208	2.127922
37	.457200	.502671	.977712	1.000000	.958573	2.119449
38	.469900	.498605	.975431	1.000000	.954575	2.110089
39	.482600	.494981	.973377	1.000000	.951013	2.101713
40	.495300	.490989	.970908	1.000000	.946775	2.091707
41	.508000	.487218	.968726	1.000000	.943070	2.082917
42	.520700	.482411	.965912	1.000000	.938347	2.071659
43	.546100	.472799	.960172	1.000000	.928898	2.048954

ID NO. 11313-001

PTO=	23.7720 N/SQ CM
TTO=	304.0556 K
PBAR=	758.7000 MMHG
TMAN=	301.1667 K

I	X(CM)	P(N/SQ CM)
1	1.8034	.8390
2	2.3266	.8496
3	2.8143	.8606
4	3.3731	.8904
5	3.6093	.8544
6	3.8202	.8527
7	4.1453	.9230
8	4.3363	.8729
9	4.5085	.8565
10	4.6533	.8578
11	4.7447	.8866
12	4.8946	.9278
13	4.9809	.9384
14	5.1054	1.1517
15	5.2680	1.4988
16	5.3924	1.6627
17	5.5448	1.7992
18	5.6337	1.8730
19	5.7683	1.9525
20	5.8928	2.0263
21	6.1417	2.1710
22	6.3779	2.2663
23	6.8634	2.2893
24	7.4092	2.4495
25	7.9350	2.6566



ID NO. 11313 -001

STATION X= 3.61 CM PTO= 23.768 N/SQ CM TTO=304.06K
R= 2.588 CM PWALL= .8544 N/SQ CM CF= .00214 PI[illegible]= .372
UE= 610.8 M/SEC RHOE=.0[illegible]782 KG/CUB M RE= 18.770E6 /M
DELTA= .391 CM DELTA*= .0946 CM THETA= .0188 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.035948	.000000	1.000000	.388736	.000000
2	.012700	.128679	.725656	1.000000	.573253	1.540549
3	.025400	.140231	.750579	1.000000	.592918	1.620562
4	.038100	.152738	.775099	1.000000	.614344	1.703470
5	.050800	.161568	.790817	1.000000	.629308	1.759055
6	.063500	.166718	.799500	1.000000	.638026	1.790646
7	.076200	.180624	.821354	1.000000	.661535	1.873176
8	.088900	.190409	.835491	1.000000	.678056	1.929064
9	.101600	.200562	.849207	1.000000	.695183	1.985339
10	.114300	.211746	.863308	1.000000	.714031	2.045484
11	.127000	.223812	.877631	1.000000	.734597	2.109153
12	.139700	.233303	.888074	1.000000	.750585	2.157351
13	.152400	.246106	.901292	1.000000	.772139	2.220675
14	.165100	.256774	.911616	1.000000	.790092	2.272074
15	.177800	.269282	.922996	1.000000	.811133	2.330869
16	.190500	.278479	.930909	1.000000	.826600	2.373158
17	.203200	.292164	.942033	1.000000	.849607	2.434708
18	.215900	.302758	.950154	1.000000	.867414	2.481299
19	.228600	.315266	.959238	1.000000	.888432	2.535187
20	.241300	.325935	.966588	1.000000	.906355	2.580253
21	.254000	.336603	.973600	1.000000	.924275	2.624537
22	.266700	.346977	.980116	1.000000	.941698	2.666889
23	.279400	.354703	.984895	1.000000	.954979	2.698725
24	.292100	.361545	.988909	1.000000	.966475	2.725983
25	.304800	.366990	.992023	1.000000	.975622	2.747478
26	.317500	.370521	.994007	1.000000	.981555	2.761331
27	.330200	.374421	.996165	1.000000	.988106	2.776545
28	.342900	.377217	.997692	1.000000	.992802	2.787402
29	.355600	.378835	.998568	1.000000	.995521	2.793668
30	.368300	.380233	.999321	1.000000	.997869	2.799069
31	.381000	.380969	.999715	1.000000	.999105	2.801907
32	.393700	.381558	1.000030	1.000000	1.000094	2.804175
33	.406400	.381558	1.000030	1.000000	1.000094	2.804175
34	.419100	.382146	1.000344	1.000000	1.001083	2.806442
35	.431800	.382146	1.000344	1.000000	1.001083	2.806442
36	.444500	.381852	1.000187	1.000000	1.000588	2.805309
37	.457200	.381852	1.000187	1.000000	1.000588	2.805309
38	.469900	.381852	1.000187	1.000000	1.000588	2.805309
39	.482600	.381558	1.000030	1.000000	1.000094	2.804175
40	.495300	.381558	1.000030	1.000000	1.000094	2.804175
41	.508000	.381558	1.000030	1.000000	1.000094	2.804175
42	.520700	.381558	1.000030	1.000000	1.000094	2.804175
43	.533400	.380528	.999479	1.000000	.998364	2.800204

ID NO. 11313-003

STATION X= 3.81 CM PTO= 23.768 N/SQ CM TTO=304.06K
R= 2.588 CM PWALL= .8527 N/SQ CM CF= .00214 PI = .365
UE= 610.5 M/SEC RHOE=.01779 KG/CUB M RE= 18.648E6 /M
DELTA= .394 CM DELTA*= .0945 CM THETA= .0188 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.035875	.000000	1.000000	.389499	.000000
2	.012700	.129562	.728697	1.000000	.576331	1.548668
3	.025400	.141408	.754024	1.000000	.596569	1.630387
4	.038100	.150826	.772593	1.000000	.612813	1.693129
5	.050800	.159581	.788427	1.000000	.627715	1.748710
6	.063500	.169734	.805485	1.000000	.644969	1.810933
7	.076200	.179226	.820310	1.000000	.661077	1.867149
8	.088900	.189232	.834896	1.000000	.678039	1.924576
9	.101600	.200195	.849782	1.000000	.696605	1.985529
10	.114300	.211672	.864275	1.000000	.716026	2.047349
11	.127000	.221311	.875836	1.000000	.732566	2.098561
12	.139700	.232936	.888736	1.000000	.752227	2.157856
13	.152400	.243383	.899616	1.000000	.769888	2.209764
14	.165100	.255597	.911560	1.000000	.790524	2.268913
15	.177800	.267957	.922879	1.000000	.811401	2.327221
16	.190500	.276419	.930220	1.000000	.825687	2.366294
17	.203200	.289515	.940988	1.000000	.847793	2.425515
18	.215900	.302758	.951202	1.000000	.870141	2.483949
19	.228600	.313500	.959033	1.000000	.888263	2.530344
20	.241300	.324242	.966490	1.000000	.906382	2.575894
21	.254000	.333660	.972741	1.000000	.922264	2.615170
22	.266700	.343151	.978787	1.000000	.938268	2.654159
23	.279400	.352569	.984660	1.000000	.954453	2.693015
24	.292100	.359338	.988664	1.000000	.965872	2.720092
25	.304800	.364341	.991553	1.000000	.974310	2.739933
26	.317500	.369050	.994220	1.000000	.982253	2.758476
27	.330200	.373096	.996471	1.000000	.989078	2.774311
28	.342900	.376039	.998086	1.000000	.994041	2.785770
29	.355600	.377952	.999125	1.000000	.997267	2.793193
30	.368300	.378467	.999404	1.000000	.998136	2.795189
31	.381000	.379571	.999999	1.000000	.999997	2.799459
32	.393700	.379571	.999999	1.000000	.999997	2.799459
33	.406400	.379571	.999999	1.000000	.999997	2.799459
34	.419100	.379865	1.000157	1.000000	1.000493	2.800597
35	.431800	.379865	1.000157	1.000000	1.000493	2.800597
36	.444500	.379865	1.000157	1.000000	1.000493	2.800597
37	.457200	.379865	1.000157	1.000000	1.000493	2.800597
38	.469900	.379865	1.000157	1.000000	1.000493	2.800597
39	.482600	.379865	1.000157	1.000000	1.000493	2.800597
40	.495300	.379718	1.000078	1.000000	1.000245	2.800028
41	.508000	.379718	1.000078	1.000000	1.000245	2.800028
42	.520700	.379718	1.000078	1.000000	1.000245	2.800028
43	.533400	.379718	1.000078	1.000000	1.000245	2.800028

ID NO. 11313-004

STATION X= 4.14 CM PTO= 23.768 N/SQ CM TTO=304.06K
R= 2.588 CM PWALL= .9230 N/SQ CM CF= .00216 PI[illegible]= .402
UE= 600.8 M/SEC RHOE=.00804 KG/CUB M RE= 18.065E6 /M
DELTA= .401 CM DELTA*= .0955 CM THETA= .0201 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.038833	.000000	1.000000	.408682	.000000
2	.012700	.128606	.714448	1.000000	.585362	1.470231
3	.025400	.141261	.742564	1.000000	.606402	1.555310
4	.038100	.153033	.766092	1.000000	.625894	1.630172
5	.050800	.161862	.782552	1.000000	.640684	1.684757
6	.063500	.171353	.798831	1.000000	.656347	1.740699
7	.076200	.181065	.814366	1.000000	.672349	1.796055
8	.088900	.190262	.828144	1.000000	.687484	1.846883
9	.101600	.201004	.843206	1.000000	.705141	1.904471
10	.114300	.210789	.856059	1.000000	.721212	1.955408
11	.127000	.221016	.868694	1.000000	.737994	2.007222
12	.139700	.232641	.882162	1.000000	.757056	2.064499
13	.152400	.244560	.895248	1.000000	.776848	2.122334
14	.165100	.257510	.908366	1.000000	.798072	2.182651
15	.177800	.265014	.915570	1.000000	.810367	2.216843
16	.190500	.278037	.927437	1.000000	.831695	2.274935
17	.203200	.287676	.935741	1.000000	.847475	2.316977
18	.215900	.299668	.945554	1.000000	.867103	2.368232
19	.228600	.309454	.953165	1.000000	.883115	2.409236
20	.241300	.320417	.961301	1.000000	.901048	2.454348
21	.254000	.329834	.967984	1.000000	.916451	2.492443
22	.266700	.339546	.974597	1.000000	.932333	2.531121
23	.279400	.346683	.979286	1.000000	.944002	2.559167
24	.292100	.356689	.985633	1.000000	.960361	2.597975
25	.304800	.362869	.989426	1.000000	.970463	2.621655
26	.317500	.366769	.991772	1.000000	.976837	2.636485
27	.330200	.370668	.994081	1.000000	.983211	2.651232
28	.342900	.374274	.996185	1.000000	.989103	2.664792
29	.355600	.376334	.997375	1.000000	.992470	2.672510
30	.368300	.379424	.999140	1.000000	.997520	2.684045
31	.381000	.379645	.999377	1.000000	.998200	2.685596
32	.393700	.380307	.999752	1.000000	.999283	2.688061
33	.406400	.381043	1.000168	1.000000	1.000486	2.690798
34	.419100	.381410	1.000375	1.000000	1.001088	2.692165
35	.431800	.381925	1.000665	1.000000	1.001930	2.694078
36	.444500	.382146	1.000790	1.000000	1.002291	2.694897
37	.457200	.382735	1.001120	1.000000	1.003253	2.697081
38	.469900	.382735	1.001120	1.000000	1.003253	2.697081
39	.482600	.383103	1.001326	1.000000	1.003855	2.698445
40	.495300	.383103	1.001326	1.000000	1.003855	2.698445
41	.508000	.383103	1.001326	1.000000	1.003855	2.698445
42	.520700	.382514	1.000996	1.000000	1.002893	2.696262
43	.533400	.382220	1.000831	1.000000	1.002411	2.695170

ID NO. 11313-005

STATION X= 4.34 CM PTO= 23.768 N/SQ CM TTO=304.06K
R= 2.588 CM PWALL= .8729 N/SQ CM CF= .00215 PI = .374
UE= 607.0 M/SEC RHOE=.00784 KG/CUB M RE= 18.343E6 /M
DELTA= .404 CM DELTA*= .0963 CM THETA= .0196 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.036727	.000000	1.000000	.396308	.000000
2	.012700	.126987	.719940	1.000000	.576784	1.508965
3	.025400	.140599	.749820	1.000000	.599934	1.602823
4	.038100	.150752	.769896	1.000000	.617141	1.669171
5	.050800	.160096	.787177	1.000000	.633156	1.728639
6	.063500	.168704	.801833	1.000000	.647705	1.780939
7	.076200	.177754	.816264	1.000000	.662980	1.834245
8	.088900	.188938	.832866	1.000000	.681832	1.897976
9	.101600	.198355	.845903	1.000000	.697692	1.949975
10	.114300	.208582	.859186	1.000000	.714900	2.004872
11	.127000	.220281	.873378	1.000000	.734570	2.065834
12	.139700	.230728	.885404	1.000000	.752376	2.119510
13	.152400	.240661	.896035	1.000000	.769070	2.168626
14	.165100	.251918	.907395	1.000000	.787980	2.222954
15	.177800	.267369	.921911	1.000000	.813924	2.295395
16	.190500	.273328	.927287	1.000000	.823927	2.322723
17	.203200	.283923	.936238	1.000000	.841706	2.370518
18	.215900	.296431	.946315	1.000000	.862690	2.425715
19	.228600	.306511	.954012	1.000000	.879596	2.469289
20	.241300	.316591	.961358	1.000000	.896498	2.512098
21	.254000	.327333	.968829	1.000000	.914508	2.556923
22	.266700	.338442	.976195	1.000000	.933131	2.602462
23	.279400	.345432	.980652	1.000000	.944846	2.630705
24	.292100	.353231	.985474	1.000000	.957916	2.661862
25	.304800	.358161	.988442	1.000000	.966176	2.681366
26	.317500	.364562	.992318	1.000000	.977218	2.707218
27	.330200	.368167	.994397	1.000000	.983262	2.721266
28	.342900	.371404	.996238	1.000000	.988689	2.733818
29	.355600	.374200	.997809	1.000000	.993376	2.744612
30	.368300	.375598	.998588	1.000000	.995720	2.749993
31	.381000	.377437	.999607	1.000000	.998803	2.757057
32	.393700	.378173	1.000012	1.000000	1.000036	2.759877
33	.406400	.378173	1.000012	1.000000	1.000036	2.759877
34	.419100	.378541	1.000214	1.000000	1.000653	2.761286
35	.431800	.378541	1.000214	1.000000	1.000653	2.761286
36	.444500	.378541	1.000214	1.000000	1.000653	2.761286
37	.457200	.378762	1.000335	1.000000	1.001023	2.762131
38	.469900	.378762	1.000335	1.000000	1.001023	2.762131
39	.482600	.378762	1.000335	1.000000	1.001023	2.762131
40	.495300	.378762	1.000335	1.000000	1.001023	2.762131
41	.508000	.379203	1.000578	1.000000	1.001763	2.763821
42	.520700	.379718	1.000859	1.000000	1.002627	2.765791
43	.533400	.379718	1.000859	1.000000	1.002627	2.765791

STATION X= 4.65 CM PTO= 23.768 N/SQ CM TTO=304.06K
R= 2.588 CM PWALL= .8578 N/SQ CM CF= .00163 PI = .670
UE= 635.6 M/SEC RHOE=.08903 KG/CUB M RE= 25.893E6 /M
DELTA= .456 CM DELTA*= .1502 CM THETA= .0255 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.036092	.000000	1.000000	.338279	.000000
2	.012700	.127429	.693561	1.000000	.496232	1.527960
3	.025400	.138980	.717812	1.000000	.513286	1.608330
4	.038100	.150090	.739128	1.000000	.529806	1.682531
5	.050800	.158845	.754448	1.000000	.542675	1.738138
6	.063500	.167969	.769333	1.000000	.556064	1.794162
7	.076200	.177313	.783562	1.000000	.569759	1.849712
8	.088900	.186951	.797278	1.000000	.583869	1.905253
9	.101600	.197767	.811632	1.000000	.599686	1.965650
10	.114300	.208214	.824566	1.000000	.614952	2.022233
11	.127000	.218368	.836349	1.000000	.629778	2.075707
12	.139700	.228742	.847821	1.000000	.645134	2.129678
13	.152400	.240293	.859641	1.000000	.661994	2.187405
14	.165100	.250299	.869278	1.000000	.676593	2.236185
15	.177800	.262660	.880485	1.000000	.694620	2.294987
16	.190500	.274506	.890565	1.000000	.711886	2.349938
17	.203200	.283923	.898159	1.000000	.725614	2.392714
18	.215900	.293635	.905630	1.000000	.739764	2.436029
19	.228600	.305407	.914233	1.000000	.756913	2.487509
20	.241300	.314678	.920683	1.000000	.770415	2.527304
21	.254000	.327921	.929442	1.000000	.789699	2.583080
22	.266700	.337633	.935547	1.000000	.803838	2.623221
23	.279400	.345947	.940575	1.000000	.815940	2.657098
24	.292100	.352716	.944540	1.000000	.825793	2.684361
25	.304800	.358087	.947713	1.000000	.833879	2.706533
26	.317500	.363752	.950876	1.000000	.842129	2.728966
27	.330200	.365371	.951766	1.000000	.844486	2.735342
28	.342900	.372287	.955507	1.000000	.854556	2.762416
29	.355600	.373906	.956367	1.000000	.856913	2.768714
30	.368300	.376628	.957802	1.000000	.860877	2.779273
31	.381000	.377364	.958187	1.000000	.861948	2.782120
32	.393700	.378541	.958801	1.000000	.863662	2.786669
33	.406400	.381778	.960475	1.000000	.868375	2.799141
34	.419100	.404587	.971696	1.000000	.901578	2.885473
35	.431800	.464256	.996999	1.000000	.988414	3.099912
36	.444500	.470952	.999528	1.000000	.998156	3.123050
37	.457200	.472276	1.000021	1.000000	1.000083	3.127606
38	.469900	.472644	1.000158	1.000000	1.000618	3.128871
39	.482600	.473232	1.000376	1.000000	1.001474	3.130893
40	.495300	.474189	1.000730	1.000000	1.002866	3.134176
41	.508000	.474189	1.000730	1.000000	1.002866	3.134176
42	.520700	.475366	1.001164	1.000000	1.004579	3.138212
43	.533400	.476764	1.001678	1.000000	1.006613	3.142998

STATION X= 4.90 CM PTO= 23.768 N/SQ CM TTO=304.06K
R= 2.588 CM PWALL= .9278 N/SQ CM CF= .00161 PI.[illegible]= .745
UE= 628.3 M/SEC RHOE=.00935 KG/CUB M RE= 25.369E6 /M
DELTA= .466 CM DELTA*= .1365 CM THETA= .0239 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.039035	.000000	1.000000	.353293	.000000
2	.012700	.124486	.672199	1.000000	.499154	1.436765
3	.025400	.135375	.696444	1.000000	.514761	1.511679
4	.038100	.148030	.721800	1.000000	.532815	1.593955
5	.050800	.158845	.741457	1.000000	.548194	1.660824
6	.063500	.166939	.755335	1.000000	.559864	1.709825
7	.076200	.176283	.770125	1.000000	.573116	1.763817
8	.088900	.186289	.784916	1.000000	.587287	1.819781
9	.101600	.195412	.797555	1.000000	.600192	1.869290
10	.114300	.205492	.810676	1.000000	.614436	1.922456
11	.127000	.216234	.823779	1.000000	.629603	1.977493
12	.139700	.225725	.834675	1.000000	.642993	2.024843
13	.152400	.237644	.847539	1.000000	.659798	2.082744
14	.165100	.248533	.858726	1.000000	.675369	2.134993
15	.177800	.259423	.869129	1.000000	.690717	2.185269
16	.190500	.268693	.877532	1.000000	.703778	2.227162
17	.203200	.281201	.888266	1.000000	.721394	2.282444
18	.215900	.292384	.897325	1.000000	.737138	2.330747
19	.228600	.302832	.905365	1.000000	.751843	2.374971
20	.241300	.313574	.913240	1.000000	.766958	2.419588
21	.254000	.322182	.919282	1.000000	.779068	2.454749
22	.266700	.334396	.927474	1.000000	.796247	2.503780
23	.279400	.343740	.933459	1.000000	.809387	2.540646
24	.292100	.355365	.940588	1.000000	.825732	2.585770
25	.304800	.396935	.963654	1.000000	.884450	2.741753
26	.317500	.445715	.986444	1.000000	.953023	2.913365
27	.330200	.457193	.991268	1.000000	.969154	2.952285
28	.342900	.462564	.993463	1.000000	.976702	2.970322
29	.355600	.464698	.994324	1.000000	.979700	2.977457
30	.368300	.468524	.995853	1.000000	.985077	2.990208
31	.381000	.470069	.996466	1.000000	.987248	2.995341
32	.393700	.472276	.997335	1.000000	.990350	3.002660
33	.406400	.473895	.997968	1.000000	.992625	3.008016
34	.419100	.474851	.998341	1.000000	.993969	3.011176
35	.431800	.475513	.998599	1.000000	.994899	3.013362
36	.444500	.476985	.999169	1.000000	.996967	3.018214
37	.457200	.478383	.999708	1.000000	.998931	3.022816
38	.469900	.479339	1.000075	1.000000	1.000275	3.025960
39	.482600	.479781	1.000244	1.000000	1.000896	3.027411
40	.495300	.480590	1.000554	1.000000	1.002033	3.030068
41	.508000	.481767	1.001003	1.000000	1.003687	3.033928
42	.520700	.482356	1.001227	1.000000	1.004514	3.035857
43	.533400	.483754	1.001757	1.000000	1.006478	3.040432

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STATION X= 5.11 CM PTO= 23.768 N/SQ CM TTO=304.06K
R= 2.588 CM PWALL= 1.1517 N/SQ CM CF= .00154 PI =1.190
UE= 602.0 M/SEC RHOE=.01009 KG/CUB M RE= 22.854E6 /M
DELTA= .385 CM DELTA*= .1233 CM THETA= .0245 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.048458	.000000	1.000000	.406262	.000000
2	.012700	.112272	.599532	1.000000	.516487	1.164718
3	.025400	.125221	.635446	1.000000	.534377	1.255687
4	.038100	.141040	.673188	1.000000	.555816	1.356691
5	.050800	.150678	.693565	1.000000	.568681	1.413841
6	.063500	.165099	.721536	1.000000	.588026	1.495668
7	.076200	.176503	.741440	1.000000	.603118	1.556526
8	.088900	.186951	.758345	1.000000	.616905	1.610110
9	.101600	.195706	.771646	1.000000	.628435	1.653589
10	.114300	.204094	.783944	1.000000	.639674	1.694898
11	.127000	.214542	.798153	1.000000	.653407	1.744044
12	.139700	.223812	.810059	1.000000	.665576	1.786467
13	.152400	.231905	.819959	1.000000	.676190	1.822661
14	.165100	.244560	.834597	1.000000	.692770	1.877805
15	.177800	.255450	.846441	1.000000	.707024	1.923946
16	.190500	.265382	.856694	1.000000	.720015	1.965060
17	.203200	.292605	.882418	1.000000	.755585	2.073457
18	.215900	.329466	.912774	1.000000	.803965	2.212387
19	.228600	.355733	.931638	1.000000	.838231	2.305728
20	.241300	.380086	.947492	1.000000	.869983	2.388968
21	.254000	.396273	.957268	1.000000	.891089	2.442704
22	.266700	.413342	.966986	1.000000	.913320	2.498105
23	.279400	.429529	.975688	1.000000	.934406	2.549517
24	.292100	.439976	.981060	1.000000	.948013	2.582152
25	.304800	.451675	.986860	1.000000	.963248	2.618206
26	.317500	.459032	.990398	1.000000	.972828	2.640628
27	.330200	.465801	.993581	1.000000	.981642	2.661087
28	.342900	.471025	.995992	1.000000	.988443	2.676768
29	.355600	.474557	.997710	1.000000	.993360	2.688047
30	.368300	.477205	.998905	1.000000	.996810	2.695935
31	.381000	.479045	.999728	1.000000	.999206	2.701398
32	.393700	.480663	1.000449	1.000000	1.001315	2.706197
33	.406400	.481767	1.000939	1.000000	1.002752	2.709464
34	.419100	.483239	1.001589	1.000000	1.004669	2.713814
35	.431800	.484048	1.001945	1.000000	1.005723	2.716203
36	.444500	.486476	1.003009	1.000000	1.008886	2.723359
37	.457200	.487653	1.003522	1.000000	1.010419	2.726821
38	.469900	.488683	1.003969	1.000000	1.011761	2.729847
39	.482600	.489640	1.004383	1.000000	1.013006	2.732654
40	.495300	.490596	1.004796	1.000000	1.014252	2.735458
41	.508000	.491038	1.004986	1.000000	1.014827	2.736751
42	.520700	.491994	1.005397	1.000000	1.016073	2.739551
43	.533400	.492656	1.005681	1.000000	1.016936	2.741488

STATION X= 5.38 CM PTO= 23.768 N/SQ CM TTO=304.06K

R= 2.588 CM PWALL= 1.6627 N/SQ CM CF= .00135 PI =1.968

UE= 553.8 M/SEC RHOE=.01190 KG/CUB M RE= 20.450E6 /M

DELTA= .368 CM DELTA*= .1062 CM THETA= .0233 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.069958	.000000	1.000000	.497617	.000000
2	.012700	.087992	.355328	1.000000	.531319	.581918
3	.025400	.093363	.396927	1.000000	.540369	.655570
4	.038100	.107122	.477649	1.000000	.562037	.804537
5	.050800	.123676	.546847	1.000000	.585593	.940196
6	.063500	.142659	.603837	1.000000	.609211	1.058908
7	.076200	.161641	.650791	1.000000	.632115	1.162504
8	.088900	.181433	.692061	1.000000	.655290	1.258681
9	.101600	.203211	.731166	1.000000	.680340	1.354984
10	.114300	.225063	.765566	1.000000	.705282	1.444504
11	.127000	.251035	.801225	1.000000	.734502	1.542786
12	.139700	.270606	.825250	1.000000	.756419	1.612580
13	.152400	.296725	.854432	1.000000	.785836	1.701760
14	.165100	.328068	.885260	1.000000	.820757	1.801909
15	.177800	.359485	.912655	1.000000	.855681	1.896782
16	.190500	.391196	.937373	1.000000	.890875	1.987810
17	.203200	.423054	.959717	1.000000	.926184	2.075136
18	.215900	.444097	.973477	1.000000	.949808	2.131563
19	.228600	.462711	.984793	1.000000	.970428	2.179623
20	.241300	.464992	.986137	1.000000	.972954	2.185437
21	.254000	.467199	.987430	1.000000	.975399	2.191049
22	.266700	.468597	.988244	1.000000	.976947	2.194596
23	.279400	.469480	.988757	1.000000	.977925	2.196833
24	.292100	.473380	.991006	1.000000	.982243	2.206686
25	.304800	.477573	.993397	1.000000	.986886	2.217233
26	.317500	.480958	.995306	1.000000	.990635	2.225707
27	.330200	.483754	.996870	1.000000	.993729	2.232683
28	.342900	.485519	.997851	1.000000	.995683	2.237077
29	.355600	.487874	.999151	1.000000	.998290	2.242922
30	.368300	.489419	1.000000	1.000000	1.000000	2.246750
31	.381000	.490449	1.000564	1.000000	1.001140	2.249298
32	.393700	.491773	1.001287	1.000000	1.002606	2.252570
33	.406400	.492583	1.001727	1.000000	1.003502	2.254567
34	.419100	.493392	1.002166	1.000000	1.004398	2.256563
35	.431800	.494864	1.002962	1.000000	1.006026	2.260186
36	.444500	.496041	1.003597	1.000000	1.007329	2.263080
37	.457200	.497144	1.004190	1.000000	1.008551	2.265790
38	.469900	.497807	1.004545	1.000000	1.009284	2.267415
39	.482600	.499352	1.005371	1.000000	1.010994	2.271200
40	.495300	.500602	1.006037	1.000000	1.012378	2.274260
41	.508000	.501632	1.006584	1.000000	1.013518	2.276777
42	.520700	.502442	1.007012	1.000000	1.014414	2.278753
43	.533400	.503104	1.007362	1.000000	1.015147	2.280368
44	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

STATION X= 5.64 CM PTO= 23.768 N/SQ CM TTO=304.06K
R= 2.588 CM PWALL= 1.8730 N/SQ CM CF= .00155 PI =1.608
UE= 539.4 M/SEC RHOE=.01274 KG/CUB M RE= 20.367E6 /M
DELTA= .368 CM DELTA*= .0833 CM THETA= .0182 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.078803	.000000	1.000000	.523402	.000000
2	.012700	.100059	.372003	1.000000	.560360	.594188
3	.025400	.104915	.405886	1.000000	.567999	.652712
4	.038100	.129930	.528528	1.000000	.603786	.876301
5	.050800	.147956	.587894	1.000000	.626619	.992990
6	.063500	.165908	.632408	1.000000	.646662	1.085126
7	.076200	.189011	.682117	1.000000	.672540	1.193608
8	.088900	.212261	.723951	1.000000	.697671	1.290263
9	.101600	.235069	.759873	1.000000	.722123	1.377813
10	.114300	.258466	.792544	1.000000	.747037	1.461632
11	.127000	.283776	.823783	1.000000	.773609	1.546029
12	.139700	.309822	.852572	1.000000	.800834	1.627968
13	.152400	.336677	.879554	1.000000	.829091	1.708863
14	.165100	.364709	.904781	1.000000	.858256	1.788528
15	.177800	.390092	.925614	1.000000	.884619	1.857597
16	.190500	.417094	.945968	1.000000	.912623	1.928261
17	.203200	.441521	.962976	1.000000	.937929	1.989958
18	.215900	.468744	.980547	1.000000	.966106	2.056480
19	.228600	.496629	.997393	1.000000	.995280	2.123159
20	.241300	.520909	1.010916	1.000000	1.020396	2.178930
21	.254000	.543276	1.022645	1.000000	1.043522	2.229049
22	.266700	.560346	1.031165	1.000000	1.061165	2.266539
23	.279400	.575208	1.038299	1.000000	1.076523	2.298676
24	.292100	.585361	1.043029	1.000000	1.087013	2.320371
25	.304800	.593675	1.046818	1.000000	1.095602	2.337984
26	.317500	.590732	1.045485	1.000000	1.092562	2.331764
27	.330200	.579328	1.040232	1.000000	1.080780	2.307505
28	.342900	.544012	1.023020	1.000000	1.044283	2.230678
29	.355600	.515685	1.008079	1.000000	1.014993	2.167054
30	.368300	.501191	1.000000	1.000000	1.000000	2.133751
31	.381000	.496776	.997477	1.000000	.995433	2.123502
32	.393700	.496482	.997308	1.000000	.995128	2.122817
33	.406400	.496997	.997604	1.000000	.995661	2.124016
34	.419100	.498174	.998279	1.000000	.996879	2.126753
35	.431800	.499499	.999036	1.000000	.998249	2.129828
36	.444500	.500897	.999833	1.000000	.999696	2.133069
37	.457200	.501412	1.000125	1.000000	1.000228	2.134262
38	.469900	.502442	1.000709	1.000000	1.001294	2.136646
39	.482600	.503178	1.001126	1.000000	1.002055	2.138347
40	.495300	.504428	1.001831	1.000000	1.003349	2.141235
41	.508000	.504870	1.002080	1.000000	1.003806	2.142254
42	.520700	.506341	1.002906	1.000000	1.005328	2.145645
43	.533400	.506930	1.003236	1.000000	1.005937	2.147000

STATION X= 5.89 CM PTO= 23.768 N/SQ CM TTO=304.06K
R= 2.588 CM PWALL= 2.0263 N/SQ CM CF= .00091 PI =3.537
UE= 545.9 M/SEC RHOE=.01409 KG/CUB M RE= 23.278E6 /M
DELTA= .275 CM DELTA*= .1140 CM THETA= .0259 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.085253	.000000	1.000000	.511797	.000000
2	.012700	.112125	.392727	1.000000	.553472	.638080
3	.025400	.118305	.427843	1.000000	.562022	.700482
4	.038100	.127429	.471405	1.000000	.574078	.780039
5	.050800	.138318	.514303	1.000000	.587687	.861050
6	.063500	.152518	.560024	1.000000	.604327	.950778
7	.076200	.168631	.604141	1.000000	.622766	1.041207
8	.088900	.186877	.640404	1.000000	.639922	1.118805
9	.101600	.211231	.685546	1.000000	.664190	1.220167
10	.114300	.233377	.721241	1.000000	.686016	1.304619
11	.127000	.260158	.758512	1.000000	.711701	1.397487
12	.139700	.285836	.790387	1.000000	.736383	1.481249
13	.152400	.312323	.819543	1.000000	.761491	1.561854
14	.165100	.343151	.849897	1.000000	.790592	1.650361
15	.177800	.372066	.875716	1.000000	.818080	1.729808
16	.190500	.399069	.897464	1.000000	.843462	1.800057
17	.203200	.431810	.921478	1.000000	.874184	1.881581
18	.215900	.460945	.940977	1.000000	.901485	1.951169
19	.228600	.486697	.956934	1.000000	.925590	2.010611
20	.241300	.513331	.972321	1.000000	.950562	2.070250
21	.254000	.537022	.985333	1.000000	.972974	2.122609
22	.266700	.560346	.997246	1.000000	.994781	2.172214
23	.279400	.568439	1.001226	1.000000	1.002346	2.189160
24	.292100	.576679	1.005200	1.000000	1.010047	2.206277
25	.304800	.577636	1.005657	1.000000	1.010941	2.208256
26	.317500	.576826	1.005271	1.000000	1.010185	2.206582
27	.330200	.575796	1.004778	1.000000	1.009222	2.204450
28	.342900	.575796	1.004778	1.000000	1.009222	2.204450
29	.355600	.577783	1.005727	1.000000	1.011079	2.208560
30	.368300	.580726	1.007124	1.000000	1.013829	2.214634
31	.381000	.584920	1.009099	1.000000	1.017748	2.223261
32	.393700	.590291	1.011600	1.000000	1.022766	2.234260
33	.406400	.594558	1.013565	1.000000	1.026753	2.242959
34	.419100	.592204	1.012484	1.000000	1.024553	2.238164
35	.431800	.581830	1.007646	1.000000	1.014860	2.216908
36	.444500	.553671	.994006	1.000000	.988728	2.158560
37	.457200	.518408	.975135	1.000000	.955249	2.081420
38	.469900	.504208	.967171	1.000000	.941971	2.050022
39	.482600	.500455	.965017	1.000000	.938461	2.041642
40	.495300	.500014	.964762	1.000000	.938049	2.040654
41	.508000	.501265	.965483	1.000000	.939218	2.043452
42	.520700	.502442	.966160	1.000000	.940319	2.046083
43	.533400	.503913	.967002	1.000000	.941696	2.049366

STATION X= 6.15 CM PTO= 23.768 N/SQ CM. TTO=304.06K
R= 2.588 CM PWALL= 2.1710 N/SQ CM CF= .00095 PI[illegible]=3.366
UE= 542.2 M/SEC RHOE=.01491 KG/CUB M RE= 24.167E6 /M
DELTA= .276 CM DELTA*= .1112 CM THETA= .0258 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.091342	.000000	1.000000	.518431	.000000
2	.012700	.124486	.419266	1.000000	.566376	.680003
3	.025400	.128532	.439406	1.000000	.571576	.715932
4	.038100	.139127	.484998	1.000000	.584659	.799209
5	.050800	.150678	.526032	1.000000	.598136	.876761
6	.063500	.166716	.572698	1.000000	.615675	.968435
7	.076200	.181506	.610189	1.000000	.631696	1.045171
8	.088900	.201225	.646610	1.000000	.649131	1.122735
9	.101600	.225799	.689430	1.000000	.672324	1.218283
10	.114300	.249490	.725413	1.000000	.694401	1.302744
11	.127000	.273696	.757475	1.000000	.716371	1.381676
12	.139700	.302685	.791689	1.000000	.742723	1.470776
13	.152400	.321005	.811468	1.000000	.759165	1.523731
14	.165100	.353010	.842607	1.000000	.787779	1.611744
15	.177800	.385531	.871143	1.000000	.817016	1.696969
16	.190500	.429308	.904879	1.000000	.855937	1.804161
17	.203200	.464918	.929285	1.000000	.887525	1.886723
18	.215900	.500014	.951114	1.000000	.918611	1.964569
19	.228600	.527605	.966932	1.000000	.943024	2.023607
20	.241300	.555342	.981781	1.000000	.967550	2.081230
21	.254000	.572044	.990443	1.000000	.982637	2.115899
22	.266700	.584993	.996792	1.000000	.994086	2.141832
23	.279400	.593087	1.000666	1.000000	1.001240	2.157880
24	.292100	.596324	1.002196	1.000000	1.004101	2.164264
25	.304800	.598237	1.003095	1.000000	1.005792	2.168028
26	.317500	.598825	1.003371	1.000000	1.006312	2.169185
27	.330200	.597942	1.002957	1.000000	1.005532	2.167450
28	.342900	.598163	1.003060	1.000000	1.005727	2.167884
29	.355600	.597427	1.002715	1.000000	1.005077	2.166437
30	.368300	.597427	1.002715	1.000000	1.005077	2.166437
31	.381000	.596030	1.002058	1.000000	1.003841	2.163685
32	.393700	.593896	1.001050	1.000000	1.001955	2.159478
33	.406400	.590879	.999617	1.000000	.999289	2.153515
34	.419100	.587495	.997997	1.000000	.996297	2.146806
35	.431800	.585582	.997077	1.000000	.994606	2.143004
36	.444500	.585435	.997006	1.000000	.994476	2.142711
37	.457200	.586538	.997538	1.000000	.995452	2.144905
38	.469900	.589334	.998879	1.000000	.997923	2.150455
39	.482600	.592277	1.000282	1.000000	1.000525	2.156280
40	.495300	.594926	1.001537	1.000000	1.002866	2.161510
41	.508000	.593160	1.000701	1.000000	1.001305	2.158025
42	.520700	.582197	.995438	1.000000	.991614	2.136260
43	.533400	.552326	.980214	1.000000	.964883	2.075043

STATION X= 6.38 CM PTO= 23.768 N/SQ CM TTO=304.06K
R= 2.588 CM PWALL= 2.2663 N/SQ CM CF= .00101 PI =3.136
UE= 539.5 M/SEC RHOE=.01542 KG/CUB M RE= 24.662E6 /M
DELTA= .273 CM DELTA*= .1072 CM THETA= .0255 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.095353	.000000	1.000000	.523253	.000000
2	.012700	.135816	.449021	1.000000	.578897	.729190
3	.025400	.139127	.463273	1.000000	.582895	.754928
4	.038100	.149428	.502650	1.000000	.594912	.827496
5	.050800	.161052	.540119	1.000000	.607784	.898746
6	.063500	.176577	.581885	1.000000	.623976	.981057
7	.076200	.194971	.621005	1.000000	.641128	1.061306
8	.088900	.216602	.661465	1.000000	.661169	1.147986
9	.101600	.238454	.697402	1.000000	.681208	1.228560
10	.114300	.262586	.731948	1.000000	.702745	1.309641
11	.127000	.288191	.764263	1.000000	.725196	1.389132
12	.139700	.321594	.801809	1.000000	.754510	1.486541
13	.152400	.355438	.835039	1.000000	.783818	1.577930
14	.165100	.381263	.857899	1.000000	.806097	1.644005
15	.177800	.422098	.890665	1.000000	.841508	1.743881
16	.190500	.452926	.912728	1.000000	.867987	1.814978
17	.203200	.484563	.933487	1.000000	.895118	1.885046
18	.215900	.519438	.954458	1.000000	.924985	1.959285
19	.228600	.545778	.969130	1.000000	.947522	2.013491
20	.241300	.572338	.983018	1.000000	.970231	2.066675
21	.254000	.589187	.991582	1.000000	.984954	2.100438
22	.266700	.601180	.997354	1.000000	.995208	2.123633
23	.279400	.611039	1.001986	1.000000	1.003635	2.142509
24	.292100	.614938	1.003790	1.000000	1.006968	2.149929
25	.304800	.616925	1.004704	1.000000	1.008666	2.153698
26	.317500	.617366	1.004906	1.000000	1.009043	2.154535
27	.330200	.618396	1.005378	1.000000	1.009923	2.156486
28	.342900	.617661	1.005041	1.000000	1.009294	2.155093
29	.355600	.617219	1.004839	1.000000	1.008917	2.154256
30	.368300	.616410	1.004467	1.000000	1.008226	2.152722
31	.381000	.615453	1.004027	1.000000	1.007408	2.150907
32	.393700	.614423	1.003553	1.000000	1.006528	2.148950
33	.406400	.613982	1.003349	1.000000	1.006150	2.148111
34	.419100	.612216	1.002532	1.000000	1.004641	2.144752
35	.431800	.613025	1.002907	1.000000	1.005333	2.146292
36	.444500	.612069	1.002464	1.000000	1.004516	2.144472
37	.457200	.611186	1.002054	1.000000	1.003761	2.142790
38	.469900	.610745	1.001849	1.000000	1.003384	2.141948
39	.482600	.608758	1.000923	1.000000	1.001686	2.138158
40	.495300	.606551	.999890	1.000000	.999799	2.133938
41	.508000	.603240	.998330	1.000000	.996969	2.127592
42	.520700	.600665	.997109	1.000000	.994767	2.122642
43	.533400	.598605	.996128	1.000000	.993006	2.118674

STATION X= 6.63 CM PTO= 23.768 N/SQ CM TTO=304.06K
R= 2.588 CM PWALL= 2.3579 N/SQ CM CF= .00116 PI =2.569
UE= 541.8 M/SEC RHOE=.01617 KG/CUB M RE= 26.158E6 /M
DELTA= .285 CM DELTA*= .1043 CM THETA= .0254 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.099206	.000000	1.000000	.519155	.000000
2	.012700	.159531	.513916	1.000000	.594677	.852848
3	.025400	.162009	.521465	1.000000	.597248	.867244
4	.038100	.171721	.549315	1.000000	.607265	.921191
5	.050800	.184523	.581292	1.000000	.619870	.984880
6	.063500	.197840	.612046	1.000000	.633212	1.048089
7	.076200	.215866	.642600	1.000000	.647776	1.112991
8	.088900	.232273	.670007	1.000000	.662066	1.173191
9	.101600	.254199	.703103	1.000000	.681045	1.248665
10	.114300	.278699	.735779	1.000000	.701860	1.326513
11	.127000	.308056	.770227	1.000000	.726357	1.412645
12	.139700	.341680	.805381	1.000000	.754470	1.505433
13	.152400	.373317	.834566	1.000000	.780578	1.586748
14	.165100	.406205	.861865	1.000000	.807617	1.666790
15	.177800	.443582	.890013	1.000000	.838549	1.753880
16	.190500	.481473	.915457	1.000000	.869574	1.837088
17	.203200	.515832	.936435	1.000000	.897660	1.909292
18	.215900	.549162	.955143	1.000000	.924872	1.976734
19	.228600	.578739	.970554	1.000000	.948999	2.034659
20	.241300	.605079	.983436	1.000000	.970470	2.084857
21	.254000	.621119	.991108	1.000000	.983867	2.115574
22	.266700	.632744	.996376	1.000000	.993343	2.137036
23	.279400	.638335	.998864	1.000000	.997901	2.147282
24	.292100	.642971	1.000904	1.000000	1.001679	2.155737
25	.304800	.643486	1.001130	1.000000	1.002099	2.156675
26	.317500	.643412	1.001098	1.000000	1.002039	2.156541
27	.330200	.642088	1.000517	1.000000	1.000959	2.154129
28	.342900	.640248	.999708	1.000000	.999460	2.150776
29	.355600	.637158	.998343	1.000000	.996942	2.145129
30	.368300	.634289	.997066	1.000000	.994603	2.139872
31	.381000	.630757	.995485	1.000000	.991724	2.133384
32	.393700	.627446	.993992	1.000000	.989025	2.127283
33	.406400	.623473	.992186	1.000000	.985786	2.119939
34	.419100	.619426	.990331	1.000000	.982487	2.112431
35	.431800	.615306	.988425	1.000000	.979128	2.104759
36	.444500	.611775	.986778	1.000000	.976248	2.098160
37	.457200	.610082	.985800	1.000000	.974547	2.094252
38	.469900	.610818	.986330	1.000000	.975468	2.096369
39	.482600	.606845	.984273	1.000000	.971909	2.088178
40	.495300	.606845	.984273	1.000000	.971909	2.088178
41	.508000	.606845	.984273	1.000000	.971909	2.088178
42	.520700	.606551	.984134	1.000000	.971669	2.087625
43	.533400	.606551	.984134	1.000000	.971669	2.087625

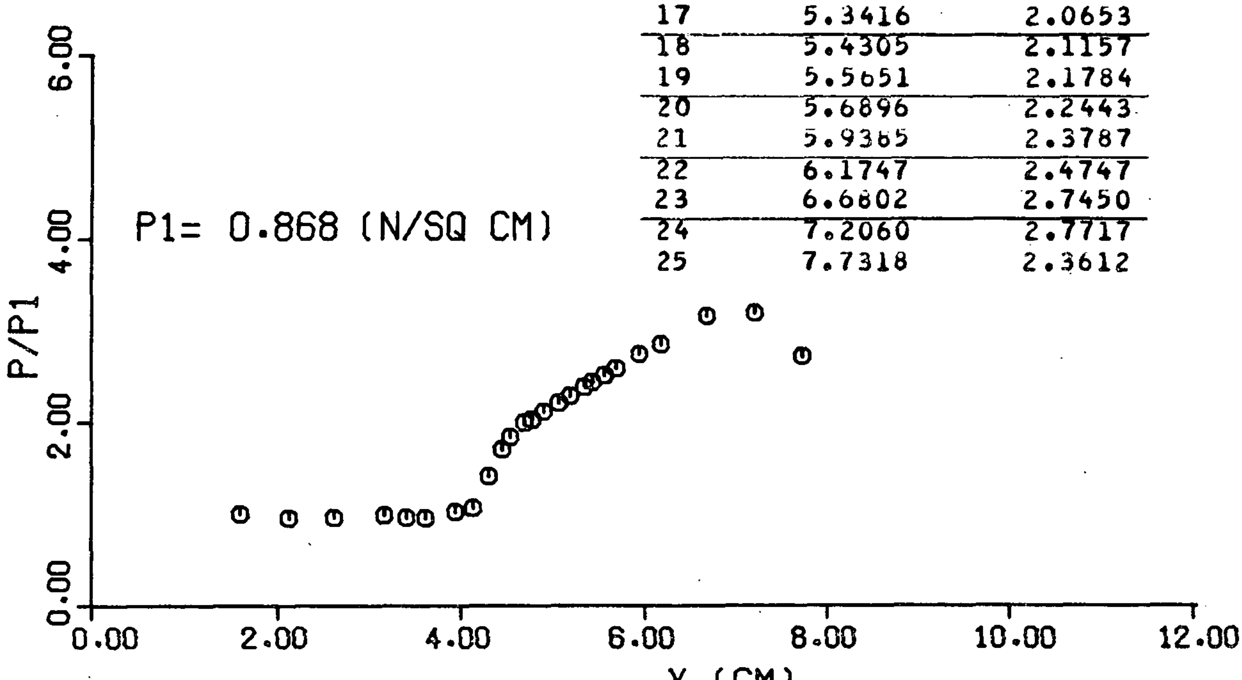
STATION X= 7.42 CM PTO= 23.768 N/SQ CM TTO=304.06K
R= 2.588 CM PWALL= 2.4495 N/SQ CM CF= .00141 PI =1.963
UE= 531.0 M/SEC RHOE=.01621 KG/CUB M RE= 24.878E6 /M
DELTA= .298 CM DELTA*= .0978 CM THETA= .0259 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.103059	.000000	1.000000	.538067	.000000
2	.012700	.177313	.557581	1.000000	.628300	.915687
3	.025400	.184449	.575918	1.000000	.635423	.951147
4	.038100	.196148	.605351	1.000000	.647708	1.009376
5	.050800	.206890	.625355	1.000000	.656699	1.049943
6	.063500	.220281	.648642	1.000000	.667869	1.098264
7	.076200	.235511	.674588	1.000000	.681280	1.153607
8	.088900	.253904	.702699	1.000000	.697065	1.215518
9	.101600	.275904	.733162	1.000000	.715802	1.285146
10	.114300	.297387	.760175	1.000000	.733997	1.349325
11	.127000	.321667	.787618	1.000000	.754184	1.417132
12	.139700	.349626	.816564	1.000000	.777561	1.491810
13	.152400	.381705	.846182	1.000000	.803991	1.571974
14	.165100	.410693	.870445	1.000000	.827790	1.640807
15	.177800	.441595	.894352	1.000000	.853376	1.711728
16	.190500	.471982	.915694	1.000000	.878231	1.777913
17	.203200	.498174	.932755	1.000000	.899622	1.832963
18	.215900	.529002	.951441	1.000000	.924768	1.895632
19	.228600	.551516	.964231	1.000000	.943114	1.940078
20	.241300	.575576	.977178	1.000000	.962706	1.986444
21	.254000	.590953	.985091	1.000000	.975221	2.015503
22	.266700	.604711	.991946	1.000000	.986414	2.041145
23	.279400	.613246	.996097	1.000000	.993356	2.056886
24	.292100	.620162	.999406	1.000000	.998981	2.069552
25	.304800	.622517	1.000521	1.000000	1.000895	2.073845
26	.317500	.624577	1.001492	1.000000	1.002570	2.077595
27	.330200	.626858	1.002562	1.000000	1.004425	2.081738
28	.342900	.627225	1.002735	1.000000	1.004724	2.082406
29	.355600	.627814	1.003010	1.000000	1.005203	2.083473
30	.368300	.628550	1.003353	1.000000	1.005801	2.084807
31	.381000	.628844	1.003491	1.000000	1.006040	2.085340
32	.393700	.629506	1.003799	1.000000	1.006578	2.086539
33	.406400	.629874	1.003970	1.000000	1.006877	2.087205
34	.419100	.630463	1.004244	1.000000	1.007356	2.088270
35	.431800	.631419	1.004688	1.000000	1.008134	2.089999
36	.444500	.631861	1.004893	1.000000	1.008493	2.090797
37	.457200	.632155	1.005029	1.000000	1.008732	2.091329
38	.469900	.632891	1.005369	1.000000	1.009330	2.092657
39	.482600	.632964	1.005403	1.000000	1.009390	2.092790
40	.495300	.632964	1.005403	1.000000	1.009390	2.092790
41	.508000	.632302	1.005097	1.000000	1.008851	2.091594
42	.520700	.631714	1.004824	1.000000	1.008373	2.090531
43	.533400	.630757	1.004381	1.000000	1.007595	2.088802

ID NO. 11314-001

PTO= 23.7063 N/SQ CM
TTO= 300.5556 K
PBAR= 768.9000 MMHG
TMAN= 296.2778 K

I	X(CM)	P(N/SQ CM)
1	1.6002	.8684
2	2.1234	.8314
3	2.6111	.8341
4	3.1699	.8571
5	3.4061	.8341
6	3.6170	.8314
7	3.9421	.8886
8	4.1351	.9240
9	4.3053	1.2258
10	4.4501	1.4785
11	4.5415	1.5992
12	4.6914	1.7323
13	4.7777	1.7621
14	4.9022	1.8379
15	5.0648	1.9157
16	5.1892	1.9837
17	5.3416	2.0653
18	5.4305	2.1157
19	5.5651	2.1784
20	5.6896	2.2443
21	5.9365	2.3787
22	6.1747	2.4747
23	6.6802	2.7450
24	7.2060	2.7717
25	7.7318	2.3612



ID NO. 11314 -001

STATION X= 3.40 CM PTO= 23.710 N/SQ CM TTO=301.56K
R= 2.588 CM PWALL= .8341 N/SQ CM CF= .00207 PI[illegible]= .476
UE= 610.5 M/SEC RHOE=.00779 KG/CUB M RE= 19.031E6 /M
DELTA= .356 CM DELTA*= .0930 CM THETA= .0180 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.035179	.000000	1.000000	.384435	.000000
2	.012700	.109164	.680536	1.000000	.537737	1.412038
3	.025400	.129815	.731948	1.000000	.573602	1.568542
4	.038100	.144123	.761891	1.000000	.598177	1.667315
5	.050800	.156956	.786011	1.000000	.620361	1.751705
6	.063500	.166691	.802576	1.000000	.637012	1.812466
7	.076200	.177312	.819312	1.000000	.655151	1.876421
8	.088900	.187859	.834716	1.000000	.673143	1.937772
9	.101600	.200323	.851546	1.000000	.694384	2.007790
10	.114300	.211976	.866092	1.000000	.714225	2.071057
11	.127000	.224661	.880938	1.000000	.736057	2.138509
12	.139700	.237273	.894477	1.000000	.757517	2.202803
13	.152400	.249369	.906579	1.000000	.778089	2.262719
14	.165100	.260653	.917169	1.000000	.797273	2.317198
15	.177800	.274740	.929534	1.000000	.821212	2.383436
16	.190500	.285582	.938465	1.000000	.839631	2.433171
17	.203200	.297899	.948049	1.000000	.860550	2.488452
18	.215900	.309035	.956244	1.000000	.879460	2.537389
19	.228600	.321721	.965078	1.000000	.900996	2.591995
20	.241300	.333374	.972762	1.000000	.920775	2.641153
21	.254000	.344142	.979631	1.000000	.939351	2.686500
22	.266700	.352255	.984523	1.000000	.953125	2.719639
23	.279400	.359999	.989041	1.000000	.966273	2.750896
24	.292100	.366342	.992635	1.000000	.977040	2.776234
25	.304800	.370914	.995169	1.000000	.984802	2.794357
26	.317500	.375340	.997578	1.000000	.992314	2.811783
27	.330200	.377626	.998806	1.000000	.996194	2.820744
28	.342900	.379101	.999593	1.000000	.998698	2.826510
29	.355600	.379839	.999984	1.000000	.999950	2.829389
30	.368300	.380281	1.000219	1.000000	1.000701	2.831115
31	.381000	.380724	1.000453	1.000000	1.001452	2.832839
32	.393700	.380724	1.000453	1.000000	1.001452	2.832839
33	.406400	.380724	1.000453	1.000000	1.001452	2.832839
34	.419100	.380724	1.000453	1.000000	1.001452	2.832839
35	.431800	.380724	1.000453	1.000000	1.001452	2.832839
36	.444500	.380576	1.000375	1.000000	1.001202	2.832265
37	.457200	.380502	1.000336	1.000000	1.001077	2.831977
38	.469900	.380650	1.000414	1.000000	1.001327	2.832552
39	.482600	.380797	1.000492	1.000000	1.001577	2.833127
40	.495300	.380871	1.000531	1.000000	1.001703	2.833414
41	.508000	.381166	1.000686	1.000000	1.002203	2.834563
42	.520700	.381166	1.000686	1.000000	1.002203	2.834563
43	.533400	.381166	1.000686	1.000000	1.002203	2.834563

STATION X= 3.61 CM PTO= 23.710 N/SQ CM TTO=301.56K
R= 2.588 CM PWALL= .8314 N/SQ CM CF= .00213 PI = .387
UE= 611.3 M/SEC. RHOE=.00779 KG/CUB M RE= 19.151E6 /M
DELTA= .365 CM. DELTA*= .0906 CM THETA= .0176 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.035064	.000000	1.000000	.382840	.000000
2	.012700	.118678	.705765	1.000000	.552766	1.489726
3	.025400	.136674	.746757	1.000000	.583737	1.619808
4	.038100	.151646	.776341	1.000000	.609584	1.720857
5	.050800	.162192	.794952	1.000000	.627620	1.787988
6	.063500	.171780	.810601	1.000000	.643991	1.846811
7	.076200	.182327	.826586	1.000000	.661977	1.909348
8	.088900	.193906	.842828	1.000000	.681701	1.975657
9	.101600	.207403	.860243	1.000000	.704670	2.050169
10	.114300	.215959	.870695	1.000000	.719455	2.096735
11	.127000	.229013	.885394	1.000000	.741658	2.164780
12	.139700	.241551	.898491	1.000000	.762970	2.228141
13	.152400	.252688	.909374	1.000000	.781891	2.282922
14	.165100	.266185	.921714	1.000000	.804813	2.347573
15	.177800	.278354	.932119	1.000000	.825473	2.404354
16	.190500	.289048	.940752	1.000000	.843623	2.453155
17	.203200	.301881	.950535	1.000000	.865398	2.510450
18	.215900	.313387	.958815	1.000000	.884916	2.560716
19	.228600	.325335	.966964	1.000000	.905181	2.611882
20	.241300	.336767	.974366	1.000000	.924566	2.659907
21	.254000	.345543	.979913	1.000000	.939750	2.696925
22	.266700	.354246	.985108	1.000000	.954513	2.732438
23	.279400	.362064	.989618	1.000000	.967773	2.763948
24	.292100	.367153	.992476	1.000000	.976405	2.784266
25	.304800	.372463	.995397	1.000000	.985411	2.805309
26	.317500	.375045	.996795	1.000000	.989789	2.815481
27	.330200	.377478	.998100	1.000000	.993916	2.825038
28	.342900	.379101	.998963	1.000000	.996668	2.831391
29	.355600	.380355	.999625	1.000000	.998794	2.836291
30	.368300	.381240	1.000091	1.000000	1.000295	2.839744
31	.381000	.381682	1.000324	1.000000	1.001045	2.841470
32	.393700	.381977	1.000479	1.000000	1.001546	2.842619
33	.406400	.382125	1.000556	1.000000	1.001796	2.843194
34	.419100	.381977	1.000479	1.000000	1.001546	2.842619
35	.431800	.381904	1.000440	1.000000	1.001421	2.842332
36	.444500	.381904	1.000440	1.000000	1.001421	2.842332
37	.457200	.381830	1.000401	1.000000	1.001296	2.842044
38	.469900	.381830	1.000401	1.000000	1.001296	2.842044
39	.482600	.381609	1.000285	1.000000	1.000920	2.841182
40	.495300	.381609	1.000285	1.000000	1.000920	2.841182
41	.508000	.381387	1.000169	1.000000	1.000545	2.840320
42	.520700	.381387	1.000169	1.000000	1.000545	2.840320
43	.533400	.381387	1.000169	1.000000	1.000545	2.840320

ID NO. 11314-004

STATION X= 3.94 CM PTO= 23.710 N/SQ CM TTC=301.56K

R= 2.588 CM PWALL= .8886 N/SQ CM CF= .00213 PI[illegible]= .445

UE= 602.7 M/SEC RHOE=.00797 KG/CUB M RE= 18.503E6 /M

DELTA= .368 CM DELTA*= .0921 CM THETA= .0188 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.037479	.000000	1.000000	.399995	.000000
2	.012700	.118014	.693753	1.000000	.562406	1.424836
3	.025400	.135715	.735828	1.000000	.592470	1.551117
4	.038100	.148769	.762618	1.000000	.614389	1.637057
5	.050800	.160349	.784296	1.000000	.633982	1.710228
6	.063500	.170748	.801993	1.000000	.651371	1.772638
7	.076200	.180778	.817830	1.000000	.668118	1.830733
8	.088900	.191694	.833851	1.000000	.686319	1.891851
9	.101600	.203494	.849912	1.000000	.705974	1.955707
10	.114300	.214557	.863915	1.000000	.724384	2.013680
11	.127000	.226653	.878186	1.000000	.744495	2.075165
12	.139700	.238675	.891573	1.000000	.764729	2.135236
13	.152400	.249295	.902535	1.000000	.782380	2.186293
14	.165100	.262718	.915523	1.000000	.804679	2.249136
15	.177800	.275035	.926670	1.000000	.825131	2.305269
16	.190500	.285287	.935437	1.000000	.842146	2.350953
17	.203200	.297751	.945526	1.000000	.862832	2.405313
18	.215900	.309773	.954712	1.000000	.882775	2.456589
19	.228600	.319361	.961685	1.000000	.898678	2.496721
20	.241300	.331678	.970218	1.000000	.919102	2.547337
21	.254000	.341192	.976505	1.000000	.934877	2.585751
22	.266700	.349526	.981807	1.000000	.948693	2.618932
23	.279400	.357270	.986573	1.000000	.961529	2.649389
24	.292100	.364129	.990671	1.000000	.972897	2.676073
25	.304800	.368333	.993237	1.000000	.980180	2.693028
26	.317500	.372094	.995399	1.000000	.986417	2.707465
27	.330200	.375413	.997281	1.000000	.991920	2.720139
28	.342900	.377183	.998275	1.000000	.994855	2.726874
29	.355600	.379248	.999425	1.000000	.998279	2.734711
30	.368300	.380281	.999997	1.000000	.999991	2.738621
31	.381000	.380945	1.000363	1.000000	1.001092	2.741132
32	.393700	.381314	1.000567	1.000000	1.001703	2.742526
33	.406400	.381682	1.000769	1.000000	1.002315	2.743919
34	.419100	.382199	1.001053	1.000000	1.003171	2.745868
35	.431800	.382346	1.001134	1.000000	1.003415	2.746424
36	.444500	.382715	1.001336	1.000000	1.004026	2.747815
37	.457200	.382862	1.001417	1.000000	1.004271	2.748372
38	.469900	.383084	1.001538	1.000000	1.004638	2.749206
39	.482600	.383157	1.001578	1.000000	1.004760	2.749484
40	.495300	.383157	1.001578	1.000000	1.004760	2.749484
41	.508000	.383157	1.001578	1.000000	1.004760	2.749484
42	.520700	.383157	1.001578	1.000000	1.004760	2.749484
43	.533400	.382715	1.001336	1.000000	1.004026	2.747815

ID NO. 11314-005

STATION X= 4.14 CM PTO= 23.710 N/SQ CM TTO=301.56K
R= 2.588 CM PWALL= .9240 N/SQ CM CF= .00207 PI = .570
UE= 596.7 M/SEC RHOE=.00605 KG/CUB M PE= 17.982E6 /M
DELTA= .358 CM DELTA*= .0943 CM THETA= .0197 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.038969	.000000	1.000000	.411835	.000000
2	.012700	.104075	.648975	1.000000	.547447	1.283134
3	.025400	.126053	.709203	1.000000	.584851	1.449324
4	.038100	.140951	.742864	1.000000	.609744	1.550087
5	.050800	.155555	.771894	1.000000	.634022	1.642414
6	.063500	.166765	.792225	1.000000	.652820	1.710480
7	.076200	.177681	.810257	1.000000	.670894	1.773464
8	.088900	.188006	.826083	1.000000	.687965	1.830963
9	.101600	.198995	.841765	1.000000	.706110	1.890166
10	.114300	.210648	.857232	1.000000	.725331	1.950919
11	.127000	.221121	.870220	1.000000	.742590	2.003902
12	.139700	.234176	.885331	1.000000	.764087	2.067996
13	.152400	.244575	.896764	1.000000	.781461	2.118382
14	.165100	.257629	.910034	1.000000	.802948	2.179085
15	.177800	.266840	.920730	1.000000	.821391	2.229872
16	.190500	.280714	.931417	1.000000	.840919	2.282412
17	.203200	.292146	.941138	1.000000	.859712	2.331860
18	.215900	.303209	.950057	1.000000	.877893	2.378720
19	.228600	.314862	.958974	1.000000	.897039	2.427088
20	.241300	.324892	.966287	1.000000	.913516	2.467953
21	.254000	.336250	.974191	1.000000	.932169	2.513416
22	.266700	.344879	.979947	1.000000	.946339	2.547408
23	.279400	.353287	.985359	1.000000	.960143	2.580093
24	.292100	.360294	.989730	1.000000	.971645	2.607014
25	.304800	.366268	.993361	1.000000	.981451	2.629749
26	.317500	.369513	.995298	1.000000	.986778	2.642016
27	.330200	.372979	.997339	1.000000	.992467	2.655056
28	.342900	.375635	.998884	1.000000	.996825	2.665000
29	.355600	.377331	.999863	1.000000	.999609	2.671334
30	.368300	.378658	1.000624	1.000000	1.001788	2.676281
31	.381000	.380207	1.001508	1.000000	1.004329	2.682040
32	.393700	.380871	1.001885	1.000000	1.005419	2.684504
33	.406400	.381240	1.002206	1.000000	1.006347	2.686602
34	.419100	.381682	1.002456	1.000000	1.007073	2.688243
35	.431800	.381830	1.002539	1.000000	1.007316	2.688790
36	.444500	.381830	1.002539	1.000000	1.007316	2.688790
37	.457200	.381830	1.002539	1.000000	1.007316	2.688790
38	.469900	.381830	1.002539	1.000000	1.007316	2.688790
39	.482600	.381977	1.002623	1.000000	1.007558	2.689337
40	.495300	.381977	1.002623	1.000000	1.007558	2.689337
41	.508000	.381977	1.002623	1.000000	1.007558	2.689337
42	.520700	.381977	1.002623	1.000000	1.007558	2.689337
43	.533400	.381977	1.002623	1.000000	1.007558	2.689337

STATION X= 4.44 CM PTO= 23.710 N/SQ CM TTO=301.56K
R= 2.586 CM PWALL= 1.4785 N/SQ CM CF= .00176 PI =1.527
UE= 531.2 M/SEC RHOE=.00994 KG/CUB M RE= 15.481E6 /M
DELTA= .343 CM DELTA*= .0954 CM THETA= .0241 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.062357	.000000	1.000000	.533985	.0000
2	.012700	.080252	.366325	1.000000	.573900	.6113
3	.025400	.091684	.473064	1.000000	.596158	.7629
4	.038100	.105697	.548024	1.000000	.620883	.9020
5	.050800	.121628	.612768	1.000000	.647240	1.0297
6	.063500	.140583	.666252	1.000000	.673254	1.1419
7	.076200	.158874	.712151	1.000000	.699248	1.2439
8	.088900	.176943	.750933	1.000000	.724328	1.3350
9	.101600	.195308	.785364	1.000000	.749386	1.4201
10	.114300	.212271	.814142	1.000000	.772646	1.4948
11	.127000	.229698	.841942	1.000000	.796467	1.5677
12	.139700	.247525	.865345	1.000000	.820206	1.6370
13	.152400	.262276	.384437	1.000000	.840299	1.6935
14	.165100	.276215	.901075	1.000000	.859014	1.7445
15	.177800	.290302	.916860	1.000000	.877900	1.7945
16	.190500	.302840	.930123	1.000000	.894591	1.8377
17	.203200	.315083	.942420	1.000000	.911072	1.8790
18	.215900	.324155	.951147	1.000000	.923202	1.9090
19	.228600	.335439	.961576	1.000000	.938262	1.9456
20	.241300	.345617	.970603	1.000000	.951876	1.9781
21	.254000	.354246	.977990	1.000000	.963397	2.0052
22	.266700	.361548	.984060	1.000000	.973142	2.0278
23	.279400	.367079	.988553	1.000000	.980522	2.0447
24	.292100	.372611	.992959	1.000000	.987961	2.0616
25	.304800	.375856	.995503	1.000000	.992230	2.0714
26	.317500	.378511	.997564	1.000000	.995771	2.0794
27	.330200	.380134	.998814	1.000000	.997935	2.0842
28	.342900	.381682	1.000000	1.000000	1.000000	2.0889
29	.355600	.382051	1.000282	1.000000	1.000492	2.0900
30	.368300	.382715	1.000787	1.000000	1.001377	2.0919
31	.381000	.382715	1.000787	1.000000	1.001377	2.0919
32	.393700	.382494	1.000619	1.000000	1.001062	2.0913
33	.406400	.382420	1.000563	1.000000	1.000983	2.0911
34	.419100	.382420	1.000563	1.000000	1.000983	2.0911
35	.431800	.389574	1.006136	1.000000	1.010859	2.1131
36	.444500	.466867	1.056954	1.000000	1.113884	2.3302
37	.457200	.485920	1.069381	1.000000	1.143250	2.3864
38	.469900	.490395	1.070184	1.000000	1.145214	2.3923
39	.482600	.492017	1.071664	1.000000	1.147374	2.3965
40	.495300	.493271	1.071741	1.000000	1.149043	2.3998
41	.508000	.494156	1.072218	1.000000	1.150222	2.4021
42	.520700	.496295	1.073364	1.000000	1.153069	2.4076
43	.533400	.497918	1.074239	1.000000	1.155229	2.4118

STATION X= 4.70 CM PTO= 23.710 N/SQ CM TTO=301.56K
R= 2.588 CM PWALL= 1.7323 N/SQ CM CF= .00050 PI[illegible]=6.656
UE= 520.1 M/SEC RHOE=.01124 KG/CUB M RE= 16.603E6 /M
DELTA= .263 CM DELTA*= .1257 CM THETA= .0271 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.073060	.000000	1.000000	.553235	.00000
2	.012700	.078114	.205841	1.000000	.563909	.31060
3	.025400	.081285	.259226	1.000000	.570358	.39339
4	.038100	.085931	.318447	1.000000	.579489	.48711
5	.050800	.092496	.381944	1.000000	.591805	.59041
6	.063500	.099945	.437811	1.000000	.605048	.68430
7	.076200	.109459	.494132	1.000000	.620974	.78243
8	.088900	.123324	.557653	1.000000	.642499	.89819
9	.101600	.137780	.609144	1.000000	.663172	.99678
10	.114300	.155038	.656494	1.000000	.685162	1.09193
11	.127000	.175911	.705963	1.000000	.711703	1.19674
12	.139700	.193021	.740671	1.000000	.732851	1.27410
13	.152400	.212345	.775551	1.000000	.756529	1.35548
14	.165100	.234987	.811738	1.000000	.784043	1.44429
15	.177800	.260653	.847653	1.000000	.814788	1.53748
16	.190500	.277838	.869374	1.000000	.835286	1.59659
17	.203200	.304831	.900631	1.000000	.867666	1.68575
18	.215900	.323343	.919998	1.000000	.889646	1.74367
19	.228600	.350411	.945959	1.000000	.921724	1.82491
20	.241300	.372021	.964936	1.000000	.947293	1.88716
21	.254000	.398719	.986528	1.000000	.978845	1.96126
22	.266700	.422025	1.003905	1.000000	1.006359	2.02366
23	.279400	.438472	1.015431	1.000000	1.025762	2.06654
24	.292100	.449019	1.022528	1.000000	1.038200	2.09356
25	.304800	.459418	1.029504	1.000000	1.050811	2.12060
26	.317500	.478668	1.041537	1.000000	1.073515	2.16844
27	.330200	.523953	1.067443	1.000000	1.126888	2.27695
28	.342900	.554044	1.083025	1.000000	1.162332	2.34624
29	.355600	.556256	1.084125	1.000000	1.164938	2.35126
30	.368300	.551315	1.081661	1.000000	1.159119	2.34004
31	.381000	.542317	1.077094	1.000000	1.148521	2.31949
32	.393700	.536712	1.074197	1.000000	1.141919	2.30659
33	.406400	.529558	1.070437	1.000000	1.133492	2.29002
34	.419100	.525133	1.068077	1.000000	1.128278	2.27971
35	.431800	.518864	1.064686	1.000000	1.120892	2.26502
36	.444500	.517020	1.063678	1.000000	1.118720	2.26069
37	.457200	.513111	1.061525	1.000000	1.114114	2.25146
38	.469900	.512595	1.061239	1.000000	1.113505	2.25024
39	.482600	.511783	1.060788	1.000000	1.112549	2.24832
40	.495300	.510382	1.060008	1.000000	1.110898	2.24500
41	.508000	.510308	1.059967	1.000000	1.110811	2.24482
42	.520700	.511857	1.060829	1.000000	1.112636	2.24849
43	.533400	.513553	1.061770	1.000000	1.114635	2.25251

STATION X= 4.93 CM PTO= 23.710 N/SQ CM TTO=301.56K
R= 2.588 CM PWALL= 1.8379 N/SQ CM CF= .00016 PI =*.975
UE= 581.0 M/SEC RHOE=.01491 KG/CUB M RE= 30.246E6 /M
DELTA= .365 CM DELTA*= .2007 CM THETA= .0293 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.077514	.000000	1.000000	.442510	.000000
2	.012700	.079569	.116118	1.000000	.445861	.194599
3	.025400	.080916	.147912	1.000000	.447974	.248469
4	.038100	.082465	.177343	1.000000	.450407	.298716
5	.050800	.085194	.218556	1.000000	.454616	.369851
6	.063500	.089177	.265350	1.000000	.460590	.451979
7	.076200	.093307	.304236	1.000000	.466586	.521576
8	.088900	.100166	.355936	1.000000	.476139	.616426
9	.101600	.107615	.400636	1.000000	.485998	.700985
10	.114300	.117350	.447690	1.000000	.498174	.793067
11	.127000	.127233	.486636	1.000000	.509817	.872073
12	.139700	.140583	.529689	1.000000	.524559	.962854
13	.152400	.154817	.568903	1.000000	.539931	1.049178
14	.165100	.173329	.606369	1.000000	.556602	1.135407
15	.177800	.188617	.635865	1.000000	.571280	1.206234
16	.190500	.211902	.674489	1.000000	.592876	1.303463
17	.203200	.240076	.714506	1.000000	.618557	1.410385
18	.215900	.263234	.743610	1.000000	.639713	1.492725
19	.228600	.299079	.782638	1.000000	.671972	1.610196
20	.241300	.327621	.810065	1.000000	.697775	1.698320
21	.254000	.378511	.851949	1.000000	.743259	1.843426
22	.266700	.416568	.878881	1.000000	.777183	1.944615
23	.279400	.455952	.903607	1.000000	.812234	2.043913
24	.292100	.500941	.928806	1.000000	.852515	2.152375
25	.304800	.540031	.948228	1.000000	.887255	2.241708
26	.317500	.577792	.965257	1.000000	.920794	2.324696
27	.330200	.604417	.976369	1.000000	.944430	2.381447
28	.342900	.636943	.989051	1.000000	.973295	2.448966
29	.355600	.657815	.996719	1.000000	.991813	2.491320
30	.368300	.669320	1.000800	1.000000	1.002020	2.514359
31	.381000	.673377	1.002215	1.000000	1.005618	2.522431
32	.393700	.673893	1.002394	1.000000	1.006076	2.523456
33	.406400	.669837	1.000980	1.000000	1.002478	2.515388
34	.419100	.661503	.998038	1.000000	.995085	2.498728
35	.431800	.647563	.992996	1.000000	.982718	2.470609
36	.444500	.629789	.986340	1.000000	.966947	2.434278
37	.457200	.611940	.979386	1.000000	.951108	2.397235
38	.469900	.598443	.973935	1.000000	.939128	2.368833
39	.482600	.583029	.967498	1.000000	.925443	2.335968
40	.495300	.571007	.962312	1.000000	.914769	2.310007
41	.508000	.560829	.957802	1.000000	.905739	2.287795
42	.520700	.553675	.954564	1.000000	.899376	2.272049
43	.533400	.546374	.951200	1.000000	.892890	2.255864

ID NO. 11314-009

STATION X= 5.18 CM PTO= 23.710 N/SQ CM TTO=301.56K

R= 2.588 CM PWALL= 1.9836 N/SQ CM CF= .00014 PI[illegible]=*.197

UE= 550.6 M/SEC RHOE=.01426 KG/CUB M RE= 24.482E6 /M

DELTA= .357 CM DELTA*= .1949 CM THETA= .0315 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.083661	.000000	1.000000	.499319	.000000
2	.012700	.085194	.101646	1.000000	.501915	.161243
3	.025400	.086226	.130993	1.000000	.503646	.208156
4	.038100	.087259	.154539	1.000000	.505362	.245989
5	.050800	.089398	.193620	1.000000	.508870	.309265
6	.063500	.092127	.232923	1.000000	.513261	.373644
7	.076200	.095446	.271665	1.000000	.518477	.438001
8	.088900	.100977	.323288	1.000000	.526890	.525443
9	.101600	.108057	.375248	1.000000	.537192	.615829
10	.114300	.114990	.416538	1.000000	.546821	.689690
11	.127000	.124947	.465044	1.000000	.559951	.779194
12	.139700	.137043	.512514	1.000000	.574930	.870141
13	.152400	.150908	.556583	1.000000	.590982	.958063
14	.165100	.166470	.599079	1.000000	.608697	1.046553
15	.177800	.190956	.647533	1.000000	.631997	1.152647
16	.190500	.212935	.686695	1.000000	.653641	1.243111
17	.203200	.235798	.722169	1.000000	.675777	1.329282
18	.215900	.263308	.759297	1.000000	.701940	1.424422
19	.228600	.291703	.793267	1.000000	.729001	1.516561
20	.241300	.320172	.823247	1.000000	.755776	1.602520
21	.254000	.349378	.851037	1.000000	.783400	1.686619
22	.266700	.378290	.875642	1.000000	.810447	1.765085
23	.279400	.406832	.897733	1.000000	.837096	1.839125
24	.292100	.436260	.918547	1.000000	.864530	1.912352
25	.304800	.464139	.936672	1.000000	.890488	1.979148
26	.317500	.494304	.954763	1.000000	.918548	2.048904
27	.330200	.524616	.971714	1.000000	.947038	2.117380
28	.342900	.554781	.987173	1.000000	.975078	2.182676
29	.355600	.579784	.999154	1.000000	.998306	2.235325
30	.368300	.603532	1.009901	1.000000	1.020362	2.284192
31	.381000	.623962	1.018694	1.000000	1.039329	2.325395
32	.393700	.638123	1.024559	1.000000	1.052473	2.353525
33	.406400	.652210	1.030217	1.000000	1.065546	2.381175
34	.419100	.662166	1.034114	1.000000	1.074785	2.400523
35	.431800	.671533	1.037707	1.000000	1.083476	2.418582
36	.444500	.679351	1.040652	1.000000	1.090729	2.433550
37	.457200	.686284	1.043224	1.000000	1.097161	2.446747
38	.469900	.690193	1.044658	1.000000	1.100787	2.454156
39	.482600	.695060	1.046428	1.000000	1.105302	2.463351
40	.495300	.698305	1.047598	1.000000	1.108312	2.469461
41	.508000	.699412	1.047995	1.000000	1.109338	2.471541
42	.520700	.697494	1.047306	1.000000	1.107560	2.467935
43	.533400	.692479	1.045491	1.000000	1.102908	2.458479

STATION X= 5.44 CM PTO= 23.710 N/SQ CM TTO=301.56K
R= 2.588 CM PWALL= 2.1157 N/SQ CM CF= .00017 PI =*.772
UE= 537.3 M/SEC RHOE=.01452 KG/CUB M RE= 23.302E6 /M
DELTA= .346 CM DELTA*= .1827 CM THETA= .0315 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.089230	.000000	1.000000	.523167	.000000
2	.012700	.091832	.130963	1.000000	.527481	.203048
3	.025400	.092569	.147986	1.000000	.528688	.229703
4	.038100	.094266	.180663	1.000000	.531438	.281153
5	.050800	.096699	.218222	1.000000	.535323	.340843
6	.063500	.099871	.257742	1.000000	.540281	.404430
7	.076200	.104665	.305701	1.000000	.547568	.482907
8	.088900	.109606	.345962	1.000000	.554833	.550120
9	.101600	.115285	.384741	1.000000	.562898	.616213
10	.114300	.123767	.432622	1.000000	.574432	.699964
11	.127000	.132839	.474737	1.000000	.586160	.775906
12	.139700	.144713	.520200	1.000000	.600675	.860672
13	.152400	.162119	.573523	1.000000	.620487	.964418
14	.165100	.178049	.615072	1.000000	.638314	1.049037
15	.177800	.200470	.657380	1.000000	.658952	1.139177
16	.190500	.225325	.700836	1.000000	.683170	1.236599
17	.203200	.250160	.738179	1.000000	.706821	1.324843
18	.215900	.279976	.777012	1.000000	.734668	1.421743
19	.228600	.311838	.813631	1.000000	.764485	1.518657
20	.241300	.344068	.846044	1.000000	.794257	1.609612
21	.254000	.380871	.879042	1.000000	.826394	1.707953
22	.266700	.415756	.906659	1.000000	.860432	1.795354
23	.279400	.446659	.928801	1.000000	.888757	1.869226
24	.292100	.473579	.946560	1.000000	.913399	1.931196
25	.304800	.502564	.964287	1.000000	.939905	1.995704
26	.317500	.524174	.976662	1.000000	.959651	2.042438
27	.330200	.547406	.989241	1.000000	.980867	2.091487
28	.342900	.564443	.998211	1.000000	.996753	2.127474
29	.355600	.576834	1.004381	1.000000	1.008069	2.152740
30	.368300	.584357	1.008042	1.000000	1.014938	2.167934
31	.381000	.591068	1.011254	1.000000	1.021065	2.181398
32	.393700	.591584	1.011499	1.000000	1.021536	2.182430
33	.406400	.600361	1.015622	1.000000	1.029548	2.199902
34	.419100	.605155	1.017840	1.000000	1.033923	2.209386
35	.431800	.609359	1.019765	1.000000	1.037760	2.217668
36	.444500	.616144	1.022836	1.000000	1.043952	2.230971
37	.457200	.623593	1.026154	1.000000	1.050749	2.245483
38	.469900	.629641	1.028808	1.000000	1.056267	2.257195
39	.482600	.637385	1.032157	1.000000	1.063332	2.272102
40	.495300	.642769	1.034452	1.000000	1.068243	2.282408
41	.508000	.652431	1.038506	1.000000	1.077056	2.300785
42	.520700	.658479	1.041002	1.000000	1.082572	2.312213
43	.533400	.665116	1.043705	1.000000	1.088625	2.324690

STATION X= 5.79 CM PTO= 23.710 N/SQ CM TTO=301.56K
R= 2.588 CM PWALL= 2.2443 N/SQ CM CF= .00022 PI =*.695
UE= 537.5 M/SEC RHOE=.01541 KG/CUB M RE= 24.761E6 /M
DELTA= .344 CM DELTA*= .1770 CM THETA= .0317 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.094654	.000000	1.000000	.522794	.000000
2	.012700	.098912	.161609	1.000000	.529409	.251519
3	.025400	.100461	.188011	1.000000	.531764	.292897
4	.038100	.102600	.218429	1.000000	.534974	.341311
5	.050800	.105550	.253438	1.000000	.539325	.397621
6	.063500	.109090	.288595	1.000000	.544433	.454919
7	.076200	.112999	.321599	1.000000	.549936	.509500
8	.088900	.119047	.364529	1.000000	.558190	.581829
9	.101600	.126717	.409371	1.000000	.568237	.659258
10	.114300	.135199	.450494	1.000000	.578854	.732228
11	.127000	.147220	.498450	1.000000	.593115	.820094
12	.139700	.161381	.544323	1.000000	.608884	.907397
13	.152400	.177607	.587256	1.000000	.625781	.992457
14	.165100	.199733	.632804	1.000000	.646296	1.086820
15	.177800	.221564	.672473	1.000000	.666661	1.173004
16	.190500	.248263	.714084	1.000000	.690919	1.268048
17	.203200	.281009	.757745	1.000000	.720103	1.373703
18	.215900	.312502	.794255	1.000000	.747961	1.467480
19	.228600	.345101	.827347	1.000000	.776406	1.557417
20	.241300	.381682	.860219	1.000000	.808179	1.652097
21	.254000	.416346	.888230	1.000000	.838473	1.737572
22	.266700	.454772	.915829	1.000000	.871690	1.826703
23	.279400	.485306	.935744	1.000000	.898040	1.894427
24	.292100	.517979	.955358	1.000000	.926201	1.964225
25	.304800	.545120	.970474	1.000000	.949572	2.020322
26	.317500	.569090	.983030	1.000000	.970198	2.068567
27	.330200	.588560	.992913	1.000000	.987272	2.107668
28	.342900	.602869	.999772	1.000000	.999563	2.135419
29	.355600	.610318	1.003257	1.000000	1.005992	2.149721
30	.368300	.617029	1.006349	1.000000	1.011765	2.162525
31	.381000	.619906	1.007661	1.000000	1.014239	2.167989
32	.393700	.621233	1.008263	1.000000	1.015380	2.170506
33	.406400	.621749	1.008497	1.000000	1.015824	2.171484
34	.419100	.620864	1.008096	1.000000	1.015063	2.169807
35	.431800	.620348	1.007862	1.000000	1.014619	2.168828
36	.444500	.618504	1.007023	1.000000	1.013033	2.165329
37	.457200	.615185	1.005504	1.000000	1.010179	2.159015
38	.469900	.613637	1.004792	1.000000	1.008846	2.156062
39	.482600	.612752	1.004384	1.000000	1.008085	2.154373
40	.495300	.613784	1.004860	1.000000	1.008973	2.156344
41	.508000	.615259	1.005538	1.000000	1.010242	2.159156
42	.520700	.617103	1.006383	1.000000	1.011828	2.162665
43	.533400	.619979	1.007694	1.000000	1.014302	2.168129

STATION X= 6.05 CM PTO= 23.710 N/SQ CM TTO=301.56K
R= 2.588 CM PWALL= 2.3787 N/SQ CM CF= .00029 PI =9.638
UE= 533.3 M/SEC RHOE=.01610 KG/CUB M RE= 25.352E6 /M
DELTA= .339 CM DELTA*= .1682 CM THETA= .0320 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.100323	.000000	1.000000	.530185	.000000
2	.012700	.107467	.203530	1.000000	.540708	.315025
3	.025400	.109238	.226149	1.000000	.543238	.350853
4	.038100	.111745	.254108	1.000000	.546772	.395509
5	.050800	.115359	.288539	1.000000	.551767	.451146
6	.063500	.119784	.324243	1.000000	.557733	.509705
7	.076200	.125021	.360165	1.000000	.564593	.569645
8	.088900	.132322	.402334	1.000000	.573824	.641521
9	.101600	.140066	.439969	1.000000	.583225	.707253
10	.114300	.150908	.484100	1.000000	.595782	.786527
11	.127000	.164479	.529515	1.000000	.610622	.870961
12	.139700	.179967	.572100	1.000000	.626526	.953183
13	.152400	.199438	.617868	1.000000	.646061	1.045364
14	.165100	.222670	.657780	1.000000	.665457	1.129472
15	.177800	.246345	.695572	1.000000	.686151	1.212794
16	.190500	.276363	.737443	1.000000	.712131	1.309915
17	.203200	.308519	.775876	1.000000	.739264	1.404192
18	.215900	.341929	.811251	1.000000	.767493	1.495986
19	.228600	.376298	.843234	1.000000	.796144	1.583720
20	.241300	.413691	.874209	1.000000	.827189	1.673602
21	.254000	.455362	.905154	1.000000	.861979	1.768909
22	.266700	.490395	.928363	1.000000	.890939	1.844492
23	.279400	.528083	.951099	1.000000	.922044	1.922367
24	.292100	.557363	.967374	1.000000	.946183	1.980691
25	.304800	.582439	.980456	1.000000	.966839	2.029272
26	.317500	.600140	.989256	1.000000	.981413	2.062858
27	.330200	.614964	.996367	1.000000	.993614	2.090562
28	.342900	.625868	1.001272	1.000000	1.002261	2.109976
29	.355600	.629199	1.003172	1.000000	1.005662	2.117562
30	.368300	.632665	1.004753	1.000000	1.008516	2.123907
31	.381000	.633993	1.005356	1.000000	1.009609	2.126332
32	.393700	.634583	1.005623	1.000000	1.010095	2.127409
33	.406400	.634361	1.005523	1.000000	1.009912	2.127006
34	.419100	.633624	1.005189	1.000000	1.009305	2.125659
35	.431800	.632665	1.004753	1.000000	1.008516	2.123907
36	.444500	.632075	1.004485	1.000000	1.008030	2.122829
37	.457200	.632075	1.004485	1.000000	1.008030	2.122829
38	.469900	.631042	1.004014	1.000000	1.007180	2.120940
39	.482600	.630379	1.003711	1.000000	1.006634	2.119724
40	.495300	.629494	1.003307	1.000000	1.005905	2.118103
41	.508000	.628977	1.003070	1.000000	1.005480	2.117156
42	.520700	.627576	1.002428	1.000000	1.004326	2.114585
43	.533400	.625880	1.001647	1.000000	1.002929	2.111468

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STATION X= 3.71 CM PTO= 23.710 N/SQ CM TTO=301.56K
R= 2.588 CM PWALL= 2.4747 N/SQ CM CF= .00040 PI =7.550
UE= 530.6 M/SEC RHOE=.01660 KG/CUB M RE= 25.796E6 /M
DELTA= .332 CM DELTA*= .1572 CM THETA= .0321 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.104373	.000000	1.000000	.534961	.000000
2	.012700	.116539	.258229	1.000000	.552081	.400014
3	.025400	.118899	.280329	1.000000	.555253	.435494
4	.038100	.122439	.309643	1.000000	.559927	.483054
5	.050800	.127160	.343458	1.000000	.566011	.538710
6	.063500	.131585	.371122	1.000000	.571571	.584951
7	.076200	.138444	.406338	1.000000	.579929	.648299
8	.088900	.146409	.445188	1.000000	.589273	.712475
9	.101600	.156513	.484832	1.000000	.600617	.783355
10	.114300	.169199	.526534	1.000000	.614140	.860258
11	.127000	.184023	.567144	1.000000	.629056	.937791
12	.139700	.201872	.610066	1.000000	.646931	1.022996
13	.152400	.223776	.647603	1.000000	.664575	1.100649
14	.165100	.249000	.688567	1.000000	.686276	1.189224
15	.177800	.277543	.728294	1.000000	.710122	1.279503
16	.190500	.307413	.764816	1.000000	.734859	1.366870
17	.203200	.344289	.804280	1.000000	.765124	1.466700
18	.215900	.380871	.838393	1.000000	.794746	1.558225
19	.228600	.418780	.869768	1.000000	.825303	1.647322
20	.241300	.457206	.898451	1.000000	.856467	1.733477
21	.254000	.494156	.923123	1.000000	.886116	1.811644
22	.266700	.530443	.945191	1.000000	.915182	1.885131
23	.279400	.562009	.962881	1.000000	.940435	1.946727
24	.292100	.590847	.977958	1.000000	.963484	2.001294
25	.304800	.609875	.987393	1.000000	.978684	2.036477
26	.317500	.627060	.995589	1.000000	.992405	2.067724
27	.330200	.635541	.999525	1.000000	.999176	2.082970
28	.342900	.640704	1.001888	1.000000	1.003296	2.092194
29	.355600	.644023	1.003582	1.000000	1.006277	2.098842
30	.368300	.645056	1.004048	1.000000	1.007102	2.100678
31	.381000	.645351	1.004181	1.000000	1.007338	2.101202
32	.393700	.645498	1.004247	1.000000	1.007455	2.101464
33	.406400	.645498	1.004247	1.000000	1.007455	2.101464
34	.419100	.644982	1.004015	1.000000	1.007043	2.100547
35	.431800	.642253	1.002780	1.000000	1.004864	2.095692
36	.444500	.641073	1.002056	1.000000	1.003591	2.092852
37	.457200	.640852	1.001955	1.000000	1.003414	2.092457
38	.469900	.638860	1.001047	1.000000	1.001825	2.088905
39	.482600	.635910	.999695	1.000000	.999470	2.083630
40	.495300	.633550	.998607	1.000000	.997586	2.079401
41	.508000	.630157	.997034	1.000000	.994878	2.073306
42	.520700	.627355	.995727	1.000000	.992641	2.068257
43	.533400	.625806	.995001	1.000000	.991404	2.065461

ID NO. 11314-014

STATION X= 6.68 CM PTO= 23.710 N/SQ CM TTO=301.56K
R= 2.588 CM PWALL= 2.6215 N/SQ CM CF= .00072 PI[illegible]=4.561
UE= 524.7 M/SEC RHOE=.01726 KG/CUB M RE= 26.059E6 /M
DELTA= .314 CM DELTA*= .1318 CM THETA= .0308 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.110564	.000000	1.000000	.545249	.000000
2	.012700	.137928	.366932	1.000000	.580810	.571054
3	.025400	.142943	.394459	1.000000	.586767	.617035
4	.038100	.149064	.424186	1.000000	.593840	.667522
5	.050800	.155997	.453860	1.000000	.601603	.718872
6	.063500	.163667	.482840	1.000000	.609910	.770036
7	.076200	.175394	.521173	1.000000	.622069	.839426
8	.088900	.186162	.551502	1.000000	.632770	.895868
9	.101600	.203716	.593560	1.000000	.649272	.976681
10	.114300	.217434	.623838	1.000000	.662496	1.036903
11	.127000	.240518	.660683	1.000000	.680285	1.112791
12	.139700	.264120	.696806	1.000000	.699754	1.190308
13	.152400	.292588	.734737	1.000000	.722655	1.275475
14	.165100	.319656	.766835	1.000000	.744275	1.350962
15	.177800	.352107	.801134	1.000000	.769980	1.435553
16	.190500	.389943	.836265	1.000000	.799515	1.526975
17	.203200	.423132	.863825	1.000000	.825300	1.602531
18	.215900	.461188	.892600	1.000000	.855045	1.685489
19	.228600	.501532	.919825	1.000000	.886230	1.768288
20	.241300	.534278	.939988	1.000000	.911494	1.832626
21	.254000	.570860	.960744	1.000000	.939677	1.901831
22	.266700	.597853	.975002	1.000000	.960452	1.951272
23	.279400	.620643	.986408	1.000000	.977979	1.992031
24	.292100	.633550	.992630	1.000000	.987900	2.014738
25	.304800	.644392	.997730	1.000000	.996232	2.033611
26	.317500	.650440	1.000527	1.000000	1.000879	2.044062
27	.330200	.653832	1.002080	1.000000	1.003486	2.049900
28	.342900	.656192	1.003155	1.000000	1.005299	2.053952
29	.355600	.656930	1.003490	1.000000	1.005866	2.055216
30	.368300	.657815	1.003891	1.000000	1.006545	2.056733
31	.381000	.658257	1.004091	1.000000	1.006885	2.057490
32	.393700	.658405	1.004158	1.000000	1.006999	2.057743
33	.406400	.658405	1.004158	1.000000	1.006999	2.057743
34	.419100	.658405	1.004158	1.000000	1.006999	2.057743
35	.431800	.658405	1.004158	1.000000	1.006999	2.057743
36	.444500	.658405	1.004158	1.000000	1.006999	2.057743
37	.457200	.658405	1.004158	1.000000	1.006999	2.057743
38	.469900	.658405	1.004158	1.000000	1.006999	2.057743
39	.482600	.657889	1.003924	1.000000	1.006602	2.056859
40	.495300	.657151	1.003590	1.000000	1.006036	2.055595
41	.508000	.656340	1.003222	1.000000	1.005412	2.054205
42	.520700	.655676	1.002920	1.000000	1.004902	2.053066
43	.533400	.654422	1.002349	1.000000	1.003939	2.050914

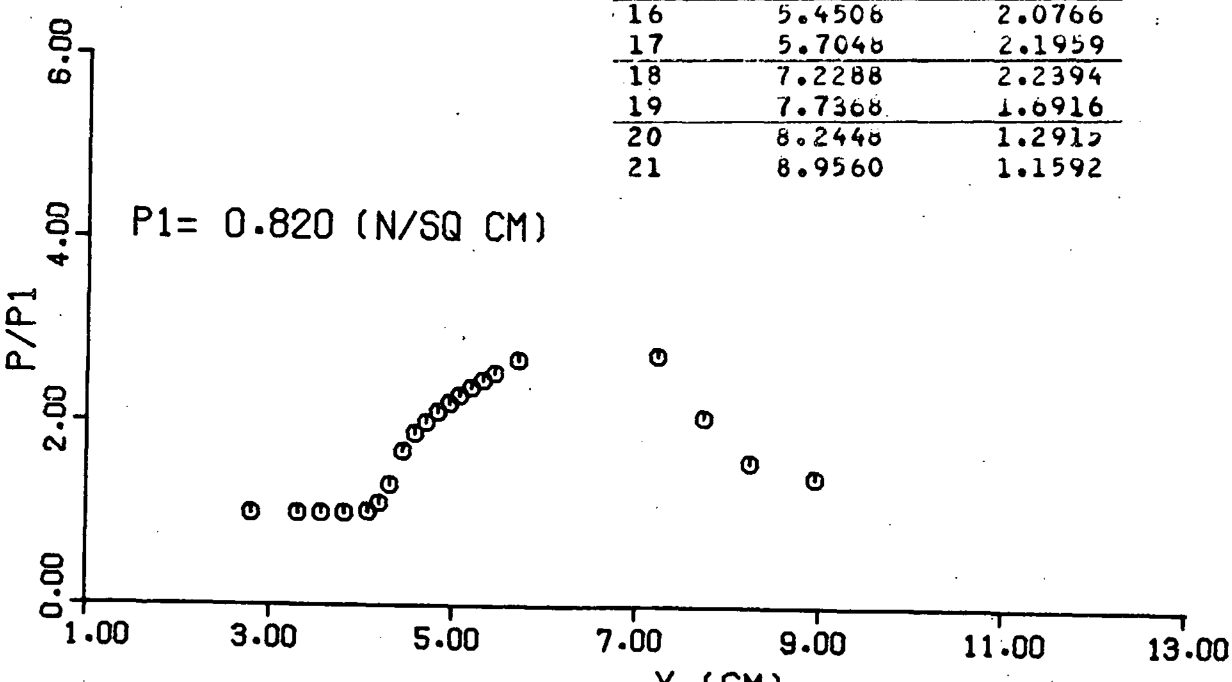
STATION X= 7.21 CM PTO= 23.710 N/SQ CM TTO=301.56K
R= 2.588 CM PWALL= 2.7717 N/SQ CM CF= .00095 PI =3.386
UE= 519.6 M/SEC RHOE=.01795 KG/CUB M RE= 26.460E6 /M
DELTA= .311 CM DELTA*= .1184 CM THETA= .0299 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.116899	.000000	1.000000	.554112	.000000
2	.012700	.159464	.436343	1.000000	.605517	.681068
3	.025400	.167429	.467738	1.000000	.614009	.735173
4	.038100	.175911	.497146	1.000000	.622740	.786931
5	.050800	.183876	.521771	1.000000	.630670	.831151
6	.063500	.194496	.551005	1.000000	.640869	.884788
7	.076200	.205412	.577602	1.000000	.650946	.934759
8	.088900	.221048	.610919	1.000000	.664734	.999095
9	.101600	.236683	.638350	1.000000	.677085	1.053052
10	.114300	.257924	.672567	1.000000	.694111	1.123956
11	.127000	.278428	.702586	1.000000	.710493	1.187896
12	.139700	.303799	.735355	1.000000	.730164	1.260394
13	.152400	.331235	.767176	1.000000	.751268	1.333802
14	.165100	.364277	.801094	1.000000	.776230	1.415721
15	.177800	.398351	.832671	1.000000	.802076	1.495823
16	.190500	.435817	.863503	1.000006	.830094	1.578072
17	.203200	.475275	.892658	1.000000	.859489	1.659985
18	.215900	.510751	.916696	1.000000	.886144	1.730916
19	.228600	.544972	.937768	1.000000	.911545	1.795905
20	.241300	.578235	.956717	1.000000	.936197	1.856804
21	.254000	.609359	.973237	1.000000	.959257	1.911968
22	.266700	.633550	.985349	1.000000	.977130	1.953734
23	.279400	.651325	.993876	1.000000	.990269	1.983845
24	.292100	.658405	.997188	1.000000	.995592	1.995716
25	.304800	.663125	.999371	1.000000	.998990	2.003579
26	.317500	.665336	1.000368	1.000000	1.000625	2.007257
27	.330200	.664821	1.000151	1.000000	1.000243	2.006400
28	.342900	.662093	.998696	1.000000	.998227	2.001861
29	.355600	.659511	.997702	1.000000	.996319	1.997557
30	.368300	.654496	.995365	1.000000	.992613	1.989169
31	.381000	.650882	.993667	1.000000	.989942	1.983101
32	.393700	.645719	.991220	1.000000	.986126	1.974401
33	.406400	.638344	.987679	1.000000	.980674	1.961902
34	.419100	.631706	.984447	1.000000	.975766	1.950583
35	.431800	.625953	.981611	1.000000	.971512	1.940718
36	.444500	.619463	.978370	1.000000	.966712	1.929526
37	.457200	.613637	.975423	1.000000	.962402	1.919422
38	.469900	.606999	.972022	1.000000	.957490	1.907843
39	.482600	.600435	.968612	1.000000	.952633	1.896321
40	.495300	.594829	.965662	1.000000	.948484	1.886424
41	.508000	.588487	.962281	1.000000	.943788	1.875160
42	.520700	.582734	.959174	1.000000	.939529	1.864882
43	.533400	.577202	.956149	1.000000	.935432	1.854945

ID NO. 11314-017

PTO= 23.6525 N/SQ CM
TTO= 299.9444 K
PBAR= 762.8000 MMHG
TMAN= 297.5556 K

I	X(CM)	P(N/SQ CM)
1	2.7965	.8200
2	3.3045	.8227
3	3.5585	.8227
4	3.8125	.8221
5	4.0665	.8368
6	4.1935	.9157
7	4.3078	1.0823
8	4.4475	1.3784
9	4.5745	1.5391
10	4.7015	1.6376
11	4.8285	1.7282
12	4.9555	1.8085
13	5.0698	1.8783
14	5.1968	1.9491
15	5.3238	2.0147
16	5.4508	2.0766
17	5.7048	2.1959
18	7.2288	2.2394
19	7.7368	1.6916
20	8.2448	1.2915
21	8.9560	1.1592



ID NO. 11314 -017

STATION X= 2.80 CM PTO= 23.653 N/SQ CM TTO=299.94K
R= 2.576 CM PWALL= .8047 N/SQ CM CF= .00180 PI[illegible]= .868
UE= 606.4 M/SEC RHOE=.00746 KG/CUB M RE= 17.983E6 /M
DELTA= .358 CM DELTA*= .1107 CM THETA= .0212 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.034024	.000000	1.000000	.389268	.000000
2	.012700	.063484	.516987	1.000000	.465205	.987615
3	.025400	.091653	.639556	1.000000	.518892	1.290337
4	.038100	.114794	.708533	1.000000	.561390	1.486889
5	.050800	.130542	.746132	1.000000	.589802	1.604927
6	.063500	.143702	.773751	1.000000	.613639	1.697633
7	.076200	.154201	.793477	1.000000	.632463	1.767413
8	.088900	.163738	.809996	1.000000	.649535	1.828396
9	.101600	.172758	.824539	1.000000	.665660	1.884186
10	.114300	.182222	.838793	1.000000	.682561	1.940938
11	.127000	.192277	.852930	1.000000	.700502	1.999420
12	.139700	.201814	.865479	1.000000	.717506	2.053313
13	.152400	.211204	.877259	1.000000	.734480	2.105734
14	.165100	.222072	.889876	1.000000	.753849	2.164002
15	.177800	.233088	.901847	1.000000	.773471	2.221473
16	.190500	.244179	.913149	1.000000	.793216	2.277841
17	.203200	.254307	.922874	1.000000	.811243	2.328113
18	.215900	.265102	.932667	1.000000	.830448	2.380503
19	.228600	.277079	.942902	1.000000	.851752	2.437299
20	.241300	.287873	.951607	1.000000	.870946	2.487362
21	.254000	.299703	.960630	1.000000	.891976	2.541081
22	.266700	.310719	.968585	1.000000	.911556	2.590095
23	.279400	.320330	.975202	1.000000	.928636	2.632106
24	.292100	.330385	.981822	1.000000	.946502	2.675343
25	.304800	.338075	.986798	1.000000	.960473	2.708675
26	.317500	.345838	.991549	1.000000	.974272	2.741197
27	.330200	.351900	.995151	1.000000	.985048	2.766328
28	.342900	.356188	.997644	1.000000	.992669	2.783965
29	.355600	.359811	.999715	1.000000	.999107	2.798778
30	.368300	.362547	1.001259	1.000000	1.003969	2.809912
31	.381000	.364469	1.002334	1.000000	1.007385	2.817709
32	.393700	.365282	1.002786	1.000000	1.008830	2.821001
33	.406400	.366243	1.003318	1.000000	1.010538	2.824887
34	.419100	.366391	1.003400	1.000000	1.010801	2.825484
35	.431800	.367204	1.003848	1.000000	1.012246	2.828767
36	.444500	.367204	1.003848	1.000000	1.012246	2.828767
37	.457200	.367204	1.003848	1.000000	1.012246	2.828767
38	.469900	.367204	1.003848	1.000000	1.012246	2.828767
39	.482600	.367204	1.003848	1.000000	1.012246	2.828767
40	.495300	.367204	1.003848	1.000000	1.012246	2.828767
41	.508000	.367204	1.003848	1.000000	1.012246	2.828767
42	.520700	.367204	1.003848	1.000000	1.012246	2.828767
43	.546100	.367204	1.003848	1.000000	1.012246	2.828767

STATION X= 3.30 CM PTO= 23.653 N/SQ CM TTO=299.94K
R= 2.576 CM PWALL= .8013 N/SQ CM CF= .00181 PI = .899
UE= 605.9 M/SEC RHOE=.00741 KG/CUB M RE= 17.785E6 /M
DELTA= .341 CM DELTA*= .1072 CM THETA= .0205 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.033879	.000000	1.000000	.390424	.000000
2	.012700	.062153	.511006	1.000000	.464336	.972910
3	.025400	.091949	.642492	1.000000	.521700	1.296608
4	.038100	.113759	.707780	1.000000	.562059	1.482585
5	.050800	.129803	.746429	1.000000	.591220	1.603591
6	.063500	.142667	.773646	1.000000	.614694	1.694736
7	.076200	.153314	.793810	1.000000	.633923	1.765896
8	.088900	.163369	.811310	1.000000	.652052	1.830452
9	.101600	.172980	.826813	1.000000	.669358	1.890022
10	.114300	.183627	.842752	1.000000	.688506	1.953819
11	.127000	.193238	.856152	1.000000	.705777	2.009624
12	.139700	.204402	.870665	1.000000	.725822	2.072509
13	.152400	.214383	.882947	1.000000	.743981	2.127874
14	.165100	.225030	.895071	1.000000	.763088	2.184616
15	.177800	.236489	.907287	1.000000	.783645	2.244061
16	.190500	.248393	.919151	1.000000	.804988	2.304157
17	.203200	.259261	.929321	1.000000	.824467	2.357670
18	.215900	.271460	.940054	1.000000	.846325	2.416305
19	.228600	.282402	.949121	1.000000	.865925	2.467700
20	.241300	.293788	.958043	1.000000	.886315	2.520053
21	.254000	.305248	.966539	1.000000	.906833	2.571658
22	.266700	.315081	.973471	1.000000	.924435	2.615120
23	.279400	.325358	.980389	1.000000	.942829	2.659776
24	.292100	.333860	.985985	1.000000	.958353	2.696891
25	.304800	.342363	.991270	1.000000	.973576	2.732797
26	.317500	.348869	.995186	1.000000	.985224	2.759955
27	.330200	.353748	.998052	1.000000	.993960	2.780148
28	.342900	.357741	1.000354	1.000000	1.001106	2.796560
29	.355600	.361068	1.002243	1.000000	1.007062	2.810164
30	.368300	.363138	1.003406	1.000000	1.010767	2.818594
31	.381000	.365282	1.004599	1.000000	1.014605	2.827300
32	.393700	.367057	1.005579	1.000000	1.017781	2.834484
33	.406400	.368461	1.006350	1.000000	1.020296	2.840158
34	.419100	.368979	1.006633	1.000000	1.021222	2.842246
35	.431800	.369940	1.007157	1.000000	1.022942	2.846119
36	.444500	.370753	1.007598	1.000000	1.024398	2.849392
37	.457200	.371419	1.007959	1.000000	1.025589	2.852067
38	.469900	.371567	1.008038	1.000000	1.025854	2.852661
39	.482600	.371862	1.008198	1.000000	1.026383	2.853849
40	.495300	.372158	1.008358	1.000000	1.026912	2.855036
41	.508000	.372232	1.008397	1.000000	1.027044	2.855333
42	.520700	.372232	1.008397	1.000000	1.027044	2.855333
43	.546100	.371493	1.007998	1.000000	1.025721	2.852364

STATION X= 3.56 CM PTO= 23.653 N/SQ CM TTO=299.94K

R= 2.576 CM PWALL= .8095 N/SQ CM CF= .00181 PI[illegible]= .855

UE= 606.5 M/SEC RHOE=.00751 KG/CUB M RE= 18.095E6 /M

DELTA= .353 CM DELTA*= .1090 CM THETA= .0209 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.034226	.000000	1.000000	.389222	.000000
2	.012700	.063928	.517358	1.000000	.465287	.988507
3	.025400	.094389	.647118	1.000000	.522986	1.310860
4	.038100	.116938	.712231	1.000000	.563952	1.498200
5	.050800	.133352	.750526	1.000000	.593367	1.619406
6	.063500	.145329	.775223	1.000000	.614943	1.702834
7	.076200	.156123	.795237	1.000000	.634178	1.773904
8	.088900	.165735	.811654	1.000000	.651276	1.834769
9	.101600	.175494	.827138	1.000000	.668615	1.894496
10	.114300	.184810	.840926	1.000000	.685148	1.949746
11	.127000	.194717	.854640	1.000000	.702717	2.006787
12	.139700	.204698	.867567	1.000000	.720403	2.062618
13	.152400	.215788	.881156	1.000000	.740289	2.123641
14	.165100	.226952	.893772	1.000000	.760061	2.182625
15	.177800	.237303	.904746	1.000000	.778384	2.235897
16	.190500	.248836	.916233	1.000000	.798793	2.293776
17	.203200	.259335	.926071	1.000000	.817363	2.345201
18	.215900	.270795	.936199	1.000000	.837627	2.400058
19	.228600	.281663	.945266	1.000000	.856840	2.450936
20	.241300	.293418	.954534	1.000000	.877616	2.504791
21	.254000	.303621	.962159	1.000000	.895644	2.550601
22	.266700	.313676	.969323	1.000000	.913407	2.594948
23	.279400	.324988	.976996	1.000000	.933387	2.643942
24	.292100	.334821	.983467	1.000000	.951058	2.686528
25	.304800	.341919	.987893	1.000000	.963599	2.716346
26	.317500	.350052	.992796	1.000000	.977968	2.750112
27	.330200	.355079	.995745	1.000000	.986850	2.770778
28	.342900	.359663	.998381	1.000000	.994947	2.789486
29	.355600	.362990	1.000262	1.000000	1.000824	2.802986
30	.368300	.365134	1.001462	1.000000	1.004612	2.811652
31	.381000	.367131	1.002569	1.000000	1.008138	2.819695
32	.393700	.367796	1.002936	1.000000	1.009313	2.822371
33	.406400	.368609	1.003383	1.000000	1.010750	2.825639
34	.419100	.369349	1.003738	1.000000	1.012056	2.828606
35	.431800	.369644	1.003950	1.000000	1.012578	2.829791
36	.444500	.369644	1.003950	1.000000	1.012578	2.829791
37	.457200	.369718	1.003991	1.000000	1.012709	2.830068
38	.469900	.369940	1.004112	1.000000	1.013100	2.830977
39	.482600	.368609	1.003383	1.000000	1.010750	2.825639
40	.495300	.368831	1.003505	1.000000	1.011141	2.826529
41	.508000	.368979	1.003586	1.000000	1.011403	2.827122
42	.520700	.369201	1.003707	1.000000	1.011794	2.828012
43	.546100	.371419	1.004917	1.000000	1.015712	2.836896

ID NO. 11314-021

STATION X= 3.73 CM PTO= 23.653 N/SQ CM TTO=299.94K
R= 2.576 CM PWALL= .8331 N/SQ CM CF= .00193 PI = .653
UE= 604.3 M/SEC RHOE=.00764 KG/CUB M RE= 18.152E6 /M
DELTA= .391 CM DELTA*= .1087 CM THETA= .0215 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.035223	.000000	1.000000	.393563	.000000
2	.012700	.131577	.741003	1.000000	.590036	1.579981
3	.025400	.090322	.626317	1.000000	.516411	1.249288
4	.038100	.112872	.695610	1.000000	.557012	1.441017
5	.050800	.132982	.744090	1.000000	.592507	1.589802
6	.063500	.146512	.772148	1.000000	.616449	1.682751
7	.076200	.158489	.794268	1.000000	.637429	1.760167
8	.088900	.167879	.810201	1.000000	.653846	1.818450
9	.101600	.178229	.826513	1.000000	.671920	1.880526
10	.114300	.186880	.839247	1.000000	.687009	1.930821
11	.127000	.197083	.853328	1.000000	.704790	1.988459
12	.139700	.205807	.864638	1.000000	.719983	2.036416
13	.152400	.216601	.877793	1.000000	.738769	2.094195
14	.165100	.227765	.890679	1.000000	.758445	2.153050
15	.177800	.238042	.901674	1.000000	.776323	2.205167
16	.190500	.250167	.913849	1.000000	.797408	2.265090
17	.203200	.260222	.923350	1.000000	.814886	2.313587
18	.215900	.272199	.934029	1.000000	.835699	2.370042
19	.228600	.280924	.941404	1.000000	.850855	2.410320
20	.241300	.292975	.951080	1.000000	.871785	2.464862
21	.254000	.303030	.958733	1.000000	.889244	2.509453
22	.266700	.313233	.966138	1.000000	.906956	2.553895
23	.279400	.322622	.972653	1.000000	.923254	2.594116
24	.292100	.332677	.979333	1.000000	.940704	2.636499
25	.304800	.340588	.984386	1.000000	.954431	2.669369
26	.317500	.347908	.989020	1.000000	.967443	2.700154
27	.330200	.352713	.991915	1.000000	.975786	2.719710
28	.342900	.358111	.995098	1.000000	.985155	2.741505
29	.355600	.361438	.997025	1.000000	.990930	2.754854
30	.368300	.364691	.998885	1.000000	.996576	2.767843
31	.381000	.365504	.999346	1.000000	.997988	2.771081
32	.393700	.366909	1.000138	1.000000	1.000426	2.776664
33	.406400	.367500	1.000471	1.000000	1.001453	2.779012
34	.419100	.368387	1.000968	1.000000	1.002992	2.782529
35	.431800	.368757	1.001174	1.000000	1.003634	2.783994
36	.444500	.368757	1.001174	1.000000	1.003634	2.783994
37	.457200	.368757	1.001174	1.000000	1.003634	2.783994
38	.469900	.368757	1.001174	1.000000	1.003634	2.783994
39	.482600	.369349	1.001504	1.000000	1.004661	2.786335
40	.495300	.369349	1.001504	1.000000	1.004661	2.786335
41	.508000	.380365	1.007509	1.000000	1.023779	2.829586
42	.520700	.450676	1.040463	1.000000	1.145767	3.091333
43	.546100	.475148	1.050142	1.000000	1.188213	3.177356

STATION X= 3.81 CM PTO= 23.653 N/SQ CM TTO=299.94K
R= 2.576 CM PWALL= 1.2434 N/SQ CM CF= .00139 PI =2.062
UE= 548.0 M/SEC RHOE=.00895 KG/CUB M RE= 15.314E6 /M
DELTA= .356 CM DELTA*= .1147 CM THETA= .0258 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.052571	.000000	1.000000	.501322	.000000
2	.012700	.062005	.303925	1.000000	.525530	.491362
3	.025400	.066220	.357734	1.000000	.535496	.583814
4	.038100	.075387	.443001	1.000000	.555707	.736485
5	.050800	.088991	.529148	1.000000	.582681	.900801
6	.063500	.107105	.605448	1.000000	.613462	1.057565
7	.076200	.126772	.668744	1.000000	.645217	1.197981
8	.088900	.146586	.719940	1.000000	.676066	1.320163
9	.101600	.164774	.759440	1.000000	.703720	1.420790
10	.114300	.182592	.793594	1.000000	.730857	1.513043
11	.127000	.198931	.821289	1.000000	.755419	1.591939
12	.139700	.215270	.846334	1.000000	.779896	1.666852
13	.152400	.229466	.866511	1.000000	.801382	1.729938
14	.165100	.244252	.885709	1.000000	.823463	1.792460
15	.177800	.256895	.901002	1.000000	.842316	1.844167
16	.190500	.266433	.911924	1.000000	.856526	1.882198
17	.203200	.275453	.921804	1.000000	.869955	1.917448
18	.215900	.282033	.928754	1.000000	.879747	1.942747
19	.228600	.289352	.936244	1.000000	.890634	1.970496
20	.241300	.295784	.942627	1.000000	.900198	1.994553
21	.254000	.304287	.950792	1.000000	.912836	2.025903
22	.266700	.312346	.958261	1.000000	.924809	2.055164
23	.279400	.321292	.966261	1.000000	.938096	2.087155
24	.292100	.330385	.974279	1.000000	.951916	2.119918
25	.304800	.339036	.981471	1.000000	.964765	2.149931
26	.317500	.346873	.987778	1.000000	.976403	2.176759
27	.330200	.353527	.992984	1.000300	.986282	2.199275
28	.342900	.358776	.996999	1.000000	.994074	2.216873
29	.355600	.362768	1.000000	1.000000	1.000000	2.230163
30	.368300	.365504	1.002030	1.000000	1.004060	2.239223
31	.381000	.367722	1.003662	1.000000	1.007352	2.246541
32	.393700	.386205	1.016752	1.000000	1.034775	2.306612
33	.406400	.453042	1.057678	1.000000	1.133859	2.511711
34	.419100	.474039	1.068812	1.000000	1.164968	2.572734
35	.431800	.476035	1.069833	1.000000	1.167925	2.578459
36	.444500	.477662	1.070661	1.000000	1.170335	2.583115
37	.457200	.478623	1.071149	1.000000	1.171759	2.585862
38	.469900	.478845	1.071261	1.000000	1.172087	2.586496
39	.482600	.479806	1.071746	1.000000	1.173511	2.589239
40	.495300	.481950	1.072825	1.000000	1.176687	2.595349
41	.508000	.483724	1.073712	1.000000	1.179315	2.600394
42	.520700	.484907	1.074300	1.000000	1.181067	2.603752
43	.546100	.486755	1.075216	1.000000	1.183805	2.608991

ID NO. 11314-023

STATION X= 4.23 CM PTO= 23.653 N/SQ CM TTO=299.94K
R= 2.576 CM PWALL= 1.5577 N/SQ CM CF= .00017 PI[illegible]=*.827
UE= 575.9 M/SEC RHOE=.01251 KG/CUB M RE= 24.939E6 /M
DELTA= .314 CM DELTA*= .1787 CM THETA= .0265 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.065857	.000000	1.000000	.449199	.000000
2	.012700	.065480	.000000	1.000000	.449199	.000000
3	.025400	.066811	.086297	1.000000	.451049	.143506
4	.038100	.069547	.167508	1.000000	.456250	.280157
5	.050800	.073391	.235220	1.000000	.463318	.396439
6	.063500	.079158	.304896	1.000000	.473441	.519456
7	.076200	.086847	.371468	1.000000	.486148	.641311
8	.088900	.097124	.436743	1.000000	.501933	.766148
9	.101600	.108362	.490699	1.000000	.517883	.874368
10	.114300	.123001	.544774	1.000000	.536976	.988454
11	.127000	.137492	.585166	1.000000	.553613	1.078066
12	.139700	.154866	.627490	1.000000	.573597	1.176720
13	.152400	.172537	.664293	1.000000	.593441	1.267103
14	.165100	.191759	.699065	1.000000	.614644	1.357040
15	.177800	.211869	.731142	1.000000	.636657	1.444500
16	.190500	.232793	.760558	1.000000	.659239	1.529032
17	.203200	.254012	.787271	1.000000	.682034	1.609869
18	.215900	.277597	.814163	1.000000	.707517	1.695677
19	.228600	.302586	.839519	1.000000	.734225	1.781182
20	.241300	.329350	.863920	1.000000	.762769	1.868242
21	.254000	.353748	.884066	1.000000	.788748	1.944094
22	.266700	.381917	.905211	1.000000	.818705	2.028041
23	.279400	.415631	.928157	1.000000	.854805	2.124801
24	.292100	.484390	.967752	1.000000	.927807	2.308107
25	.304800	.541245	.995079	1.000000	.986105	2.449190
26	.317500	.553592	1.000486	1.000000	1.001194	2.478754
27	.330200	.548786	.998402	1.000000	.996180	2.467290
28	.342900	.528306	.989223	1.000000	.974387	2.417817
29	.355600	.508640	.979927	1.000000	.953532	2.369324
30	.368300	.496515	.973942	1.000000	.940671	2.338919
31	.381000	.489639	.970458	1.000000	.933377	2.321497
32	.393700	.486903	.969052	1.000000	.930474	2.314529
33	.406400	.486977	.969091	1.000000	.930553	2.314718
34	.419100	.487865	.969547	1.000000	.931494	2.316980
35	.431800	.488530	.969889	1.000000	.932200	2.318675
36	.444500	.488900	.970079	1.000000	.932592	2.319616
37	.457200	.489417	.970344	1.000000	.933141	2.320933
38	.469900	.489787	.970533	1.000000	.933533	2.321873
39	.482600	.490378	.970835	1.000000	.934161	2.323377
40	.495300	.490970	.971137	1.000000	.934788	2.324880
41	.508000	.491487	.971401	1.000000	.935337	2.326194
42	.520700	.492079	.971702	1.000000	.935965	2.327694
43	.546100	.492966	.972152	1.000000	.936906	2.329944

ID NO. 11314-024

STATION X= 4.49 CM PTO= 23.653 N/SQ CM TTO=299.94K
R= 2.576 CM PWALL= 1.7362 N/SQ CM CF= .00003 PI[illegible]=[illegible].538
UE= 574.2 M/SEC RHOE=.01385 KG/CUB M RE= 27.317E6 /M
DELTA= .338 CM DELTA*= .2040 CM THETA= .0256 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.073403	.000000	1.000000	.452520	.000000
2	.012700	.070582	.000000	1.000000	.452520	.000000
3	.025400	.071321	.000000	1.000000	.452520	.000000
4	.038100	.072356	.000000	1.000000	.452520	.000000
5	.050800	.074278	.078585	1.000000	.454055	.130241
6	.063500	.077384	.165386	1.000000	.459399	.275704
7	.076200	.081302	.229275	1.000000	.465929	.384916
8	.088900	.086182	.286120	1.000000	.473753	.484368
9	.101600	.093427	.348775	1.000000	.484807	.597283
10	.114300	.102152	.405685	1.000000	.497331	.703660
11	.127000	.112650	.458685	1.000000	.511429	.806784
12	.139700	.124997	.507651	1.000000	.526854	.906277
13	.152400	.138527	.550552	1.000000	.542554	.997403
14	.165100	.156123	.593807	1.000000	.560774	1.093679
15	.177800	.175790	.635911	1.000000	.581190	1.192355
16	.190500	.200853	.680937	1.000000	.606475	1.304260
17	.203200	.225399	.718267	1.000000	.630645	1.402906
18	.215900	.250315	.751681	1.000000	.655199	1.496479
19	.228600	.278927	.785111	1.000000	.683014	1.595866
20	.241300	.312641	.819727	1.000000	.715876	1.705841
21	.254000	.343841	.847690	1.000000	.746003	1.800770
22	.266700	.380291	.876576	1.000000	.781117	1.905454
23	.279400	.416888	.902223	1.000000	.816310	2.004898
24	.292100	.451322	.929852	1.000000	.859267	2.119965
25	.304800	.505683	.953963	1.000000	.901850	2.228174
26	.317500	.545311	.973196	1.000000	.939861	2.320507
27	.330200	.583831	.990130	1.000000	.976787	2.406815
28	.342900	.621463	1.005228	1.000000	1.012847	2.488210
29	.355600	.643052	1.013318	1.000000	1.033527	2.533712
30	.368300	.661979	1.020097	1.000000	1.051655	2.572934
31	.381000	.671294	1.023332	1.000000	1.060576	2.592019
32	.393700	.676026	1.024951	1.000000	1.065107	2.601659
33	.406400	.677061	1.025303	1.000000	1.066098	2.603763
34	.419100	.675213	1.024674	1.000000	1.064328	2.600005
35	.431800	.665897	1.021466	1.000000	1.055407	2.580979
36	.444500	.634919	1.010316	1.000000	1.025737	2.516668
37	.457200	.583461	.989975	1.000000	.976433	2.406002
38	.469900	.537474	.969548	1.000000	.932346	2.302546
39	.482600	.514702	.958518	1.000000	.910504	2.249529
40	.495300	.503908	.953054	1.000000	.900147	2.223949
41	.508000	.501099	.951606	1.000000	.897452	2.217242
42	.520700	.500138	.951108	1.000000	.896529	2.214943
43	.546100	.501247	.951682	1.000000	.897593	2.217595

ID NO. 11314-025

STATION X= 4.75 CM PTO= 23.653 N/SQ CM TTO=299.94K
R= 2.576 CM PWALL= 1.8969 N/SQ CM CF= .00004 PI =*.232
UE= 522.2 M/SEC RHOE=.01251 KG/CUB M RE= 18.826E6 /M
DELTA= .296 CM DELTA*= .1696 CM THETA= .0257 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.080198	.000000	1.000000	.547233	.000000
2	.012700	.078641	.000000	1.000000	.547233	.000000
3	.025400	.079232	.000000	1.000000	.547233	.000000
4	.038100	.080637	.058671	1.000000	.548087	.088346
5	.050800	.082559	.135041	1.000000	.551789	.204027
6	.063500	.085738	.204342	1.000000	.557778	.310402
7	.076200	.089287	.258303	1.000000	.564279	.394650
8	.088900	.094536	.318430	1.000000	.573565	.490503
9	.101600	.102078	.383540	1.000000	.586281	.597310
10	.114300	.111319	.444438	1.000000	.600980	.700774
11	.127000	.122557	.502032	1.000000	.617723	.802536
12	.139700	.136013	.556250	1.000000	.636386	.902540
13	.152400	.152353	.610737	1.000000	.658430	1.007964
14	.165100	.172906	.658400	1.000000	.680867	1.104987
15	.177800	.195826	.706473	1.000000	.706999	1.208207
16	.190500	.221850	.752708	1.000000	.736046	1.313455
17	.203200	.250685	.796069	1.000000	.767432	1.418426
18	.215900	.281959	.837023	1.000000	.801468	1.524112
19	.228600	.314194	.873544	1.000000	.836105	1.624619
20	.241300	.344655	.904323	1.000000	.869000	1.714627
21	.254000	.371123	.928251	1.000000	.897289	1.788414
22	.266700	.404615	.955630	1.000000	.933016	1.877461
23	.279400	.430048	.974567	1.000000	.960107	1.942262
24	.292100	.459030	.994462	1.000000	.990945	2.013490
25	.304800	.483502	1.010029	1.000000	1.016961	2.071679
26	.317500	.505683	1.023457	1.000000	1.040876	2.123759
27	.330200	.523648	1.033625	1.000000	1.059969	2.164443
28	.342900	.541245	1.043141	1.000000	1.078664	2.203547
29	.355600	.557880	1.051760	1.000000	1.096332	2.239877
30	.368300	.573036	1.059315	1.000000	1.112425	2.272463
31	.381000	.585679	1.065411	1.000000	1.125846	2.299286
32	.393700	.598470	1.071397	1.000000	1.139422	2.326104
33	.406400	.610225	1.076745	1.000000	1.151897	2.350477
34	.419100	.622498	1.082178	1.000000	1.164919	2.375653
35	.431800	.632849	1.086645	1.000000	1.175901	2.396677
36	.444500	.642830	1.090858	1.000000	1.186489	2.416775
37	.457200	.653328	1.095190	1.000000	1.197624	2.437734
38	.469900	.660944	1.098273	1.000000	1.205701	2.452824
39	.482600	.669890	1.101830	1.000000	1.215188	2.470431
40	.495300	.678688	1.105263	1.000000	1.224518	2.487624
41	.508000	.685046	1.107706	1.000000	1.231260	2.499975
42	.520700	.688447	1.108999	1.000000	1.234866	2.506556
43	.546100	.659835	1.097827	1.000000	1.204525	2.450632

STATION X= 5.07 CM PTO= 23.653 N/SQ CM TTO=299.94K
R= 2.576 CM PWALL= 2.0337 N/SQ CM CF= .00019 PI..=*.519
UE= 544.9 M/SEC RHOE=.01448 KG/CUB M RE= 24.375E6 /M
DELTA= .323 CM DELTA*= .1702 CM THETA= .0290 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.085980	.000000	1.000000	.506960	.000000
2	.012700	.089213	.145863	1.000000	.512334	.230230
3	.025400	.090618	.173824	1.000000	.514626	.274976
4	.038100	.092688	.207528	1.000000	.517958	.329354
5	.050800	.095498	.244811	1.000000	.522396	.390185
6	.063500	.099416	.287085	1.000000	.528433	.460198
7	.076200	.104296	.329962	1.000000	.535717	.532564
8	.088900	.110654	.375573	1.000000	.544852	.611326
9	.101600	.119008	.424141	1.000000	.556302	.697596
10	.114300	.128990	.471107	1.000000	.569251	.783609
11	.127000	.141854	.519946	1.000000	.584925	.876895
12	.139700	.158267	.569634	1.000000	.603512	.975839
13	.152400	.177860	.615036	1.000000	.623185	1.070651
14	.165100	.201519	.662043	1.000000	.646715	1.174037
15	.177800	.226804	.704514	1.000000	.671217	1.272801
16	.190500	.258670	.749974	1.000000	.701496	1.385153
17	.203200	.291496	.790168	1.000000	.732429	1.491219
18	.215900	.327428	.828017	1.000000	.765841	1.597894
19	.228600	.363803	.861730	1.000000	.799774	1.699394
20	.241300	.401288	.892147	1.000000	.834396	1.797056
21	.254000	.438772	.919193	1.000000	.868941	1.889474
22	.266700	.471008	.940199	1.000000	.898602	1.965362
23	.279400	.504276	.960016	1.000000	.929186	2.040647
24	.292100	.533482	.976233	1.000000	.956316	2.105200
25	.304800	.558545	.989093	1.000000	.979336	2.158450
26	.317500	.575550	.997386	1.000000	.994948	2.193828
27	.330200	.586492	1.002550	1.000000	1.004991	2.216289
28	.342900	.591372	1.004811	1.000000	1.009469	2.226231
29	.355600	.591963	1.005084	1.000000	1.010012	2.227433
30	.368300	.588562	1.003512	1.000000	1.006891	2.220513
31	.381000	.584052	1.001410	1.000000	1.002752	2.211301
32	.393700	.580208	.999600	1.000000	.999223	2.203418
33	.406400	.578433	.998760	1.000000	.997595	2.199770
34	.419100	.579247	.999145	1.000000	.998341	2.201443
35	.431800	.582204	1.000542	1.000000	1.001055	2.207515
36	.444500	.586714	1.002653	1.000000	1.005195	2.216742
37	.457200	.591816	1.005015	1.000000	1.009877	2.227133
38	.469900	.598470	1.008055	1.000000	1.015983	2.240612
39	.482600	.606307	1.011577	1.000000	1.023174	2.256383
40	.495300	.613626	1.014811	1.000000	1.029889	2.271012
41	.508000	.622128	1.018501	1.000000	1.037688	2.287886
42	.520700	.630483	1.022061	1.000000	1.045352	2.304344
43	.546100	.645861	1.028447	1.000000	1.059455	2.334331

STATION X= 5.32 CM PTO= 23.653 N/SQ CM TTO=299.94K
R= 2.576 CM PWALL= 2.1568 N/SQ CM CF= .00027 PI =9.971
UE= 542.3 M/SEC RHOE=.01521 KG/CUB M RE= 25.287E6 /M
DELTA= .317 CM DELTA*= .1609 CM THETA= .0292 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.091185	.000000	1.000000	.511562	.000000
2	.012700	.097346	.194655	1.000000	.521208	.307053
3	.025400	.099416	.223463	1.000000	.524351	.353556
4	.038100	.102225	.256469	1.000000	.528543	.407396
5	.050800	.105700	.290881	1.000000	.533615	.464270
6	.063500	.109915	.326211	1.000000	.539609	.523575
7	.076200	.115755	.367307	1.000000	.547650	.593912
8	.088900	.123592	.412767	1.000000	.557997	.673693
9	.101600	.132982	.457425	1.000000	.569794	.754431
10	.114300	.145181	.504735	1.000000	.584264	.842963
11	.127000	.159968	.551136	1.000000	.600681	.933301
12	.139700	.178599	.600286	1.000000	.620831	1.033441
13	.152400	.201519	.643194	1.000000	.641108	1.125249
14	.165100	.228505	.689745	1.000000	.666420	1.230278
15	.177800	.260000	.735159	1.000000	.695038	1.339141
16	.190500	.294527	.777755	1.000000	.726091	1.448035
17	.203200	.327798	.813173	1.000000	.755608	1.544443
18	.215900	.368831	.851255	1.000000	.791817	1.655056
19	.228600	.409125	.884141	1.000000	.827522	1.757326
20	.241300	.445500	.910341	1.000000	.859448	1.843973
21	.254000	.481358	.933646	1.000000	.890865	1.925436
22	.266700	.516773	.954575	1.000000	.921852	2.002542
23	.279400	.546786	.971950	1.000000	.949836	2.069708
24	.292100	.574589	.985194	1.000000	.972702	2.123012
25	.304800	.593368	.994219	1.000000	.989112	2.160456
26	.317500	.606085	1.000115	1.000000	1.000220	2.185440
27	.330200	.612887	1.003202	1.000000	1.006161	2.198685
28	.342900	.617249	1.005157	1.000000	1.009971	2.207136
29	.355600	.618875	1.005881	1.000000	1.011391	2.210279
30	.368300	.619023	1.005947	1.000000	1.011521	2.210564
31	.361000	.618432	1.005684	1.000000	1.011004	2.209422
32	.393700	.616953	1.005025	1.000000	1.009713	2.206564
33	.406400	.615179	1.004231	1.000000	1.008163	2.203129
34	.419100	.613256	1.003368	1.000000	1.006484	2.199402
35	.431800	.611112	1.002401	1.000000	1.004612	2.195237
36	.444500	.607563	1.000790	1.000000	1.001512	2.188326
37	.457200	.603941	.999133	1.000000	.998348	2.181248
38	.469900	.599283	.996982	1.000000	.994279	2.172113
39	.482600	.595438	.995190	1.000000	.990920	2.164543
40	.495300	.592629	.993871	1.000000	.988466	2.158994
41	.508000	.592185	.993661	1.000000	.988078	2.158117
42	.520700	.593738	.994392	1.000000	.989435	2.161186
43	.546100	.600983	.997770	1.000000	.995764	2.175452

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STATION X= 5.70 CM PTO= 23.653 N/SQ CM TTO=299.94K
R= 2.576 CM PWALL= 2.3277 N/SQ CM CF= .00043 PI[illegible]=7.057
UE= 537.1 M/SEC RHOE=.01612 KG/CUB M RE= 26.098E6 /M
DELTA= .305 CM DELTA*= .1445 CM THETA= .0290 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.098413	.000000	1.000000	.520991	.000000
2	.012700	.111393	.269456	1.000000	.539764	.424454
3	.025400	.114794	.299744	1.000000	.544422	.474198
4	.038100	.118713	.330021	1.000000	.549668	.524607
5	.050800	.123592	.362708	1.000000	.556031	.579893
6	.063500	.130172	.400417	1.000000	.564333	.644943
7	.076200	.138157	.439134	1.000000	.574014	.713345
8	.088900	.148582	.481470	1.000000	.586069	.790288
9	.101600	.161077	.523581	1.000000	.599747	.869380
10	.114300	.176011	.565246	1.000000	.615135	.950526
11	.127000	.195604	.611870	1.000000	.634839	1.045280
12	.139700	.220594	.655044	1.000000	.655776	1.137339
13	.152400	.248097	.698641	1.000000	.679971	1.235210
14	.165100	.278853	.740175	1.000000	.706362	1.333797
15	.177800	.315303	.782624	1.000000	.737314	1.440857
16	.190500	.353305	.820692	1.000000	.769137	1.543204
17	.203200	.393155	.855591	1.000000	.802329	1.643175
18	.215900	.435298	.888312	1.000000	.837586	1.743096
19	.228600	.476405	.916423	1.000000	.871640	1.834451
20	.241300	.515959	.940723	1.000000	.904348	1.918099
21	.254000	.550043	.959824	1.000000	.932494	1.987267
22	.266700	.581834	.976306	1.000000	.958724	2.049624
23	.279400	.605271	.987719	1.000000	.978048	2.094377
24	.292100	.621315	.995385	1.000000	.991604	2.125207
25	.304800	.631296	.999910	1.000000	.999834	2.143711
26	.317500	.635732	1.001891	1.000000	1.003492	2.151882
27	.330200	.637655	1.002743	1.000000	1.005077	2.155414
28	.342900	.638098	1.002939	1.000000	1.005442	2.156228
29	.355600	.638098	1.002939	1.000000	1.005442	2.156228
30	.368300	.637137	1.002514	1.000000	1.004650	2.154463
31	.381000	.636324	1.002153	1.000000	1.003979	2.152970
32	.393700	.635880	1.001956	1.000000	1.003614	2.152154
33	.406400	.635510	1.001792	1.000000	1.003309	2.151475
34	.419100	.634993	1.001562	1.000000	1.002882	2.150523
35	.431800	.634327	1.001265	1.000000	1.002334	2.149298
36	.444500	.634032	1.001133	1.000000	1.002090	2.148754
37	.457200	.633884	1.001067	1.000000	1.001968	2.148481
38	.469900	.633588	1.000935	1.000000	1.001724	2.147937
39	.482600	.633366	1.000836	1.000000	1.001541	2.147528
40	.495300	.633292	1.000803	1.000000	1.001480	2.147392
41	.508000	.632849	1.000605	1.000000	1.001114	2.146574
42	.520700	.632036	1.000241	1.000000	1.000444	2.145075
43	.546100	.628930	.998846	1.000000	.997883	2.139340

ID NO. 11314-329

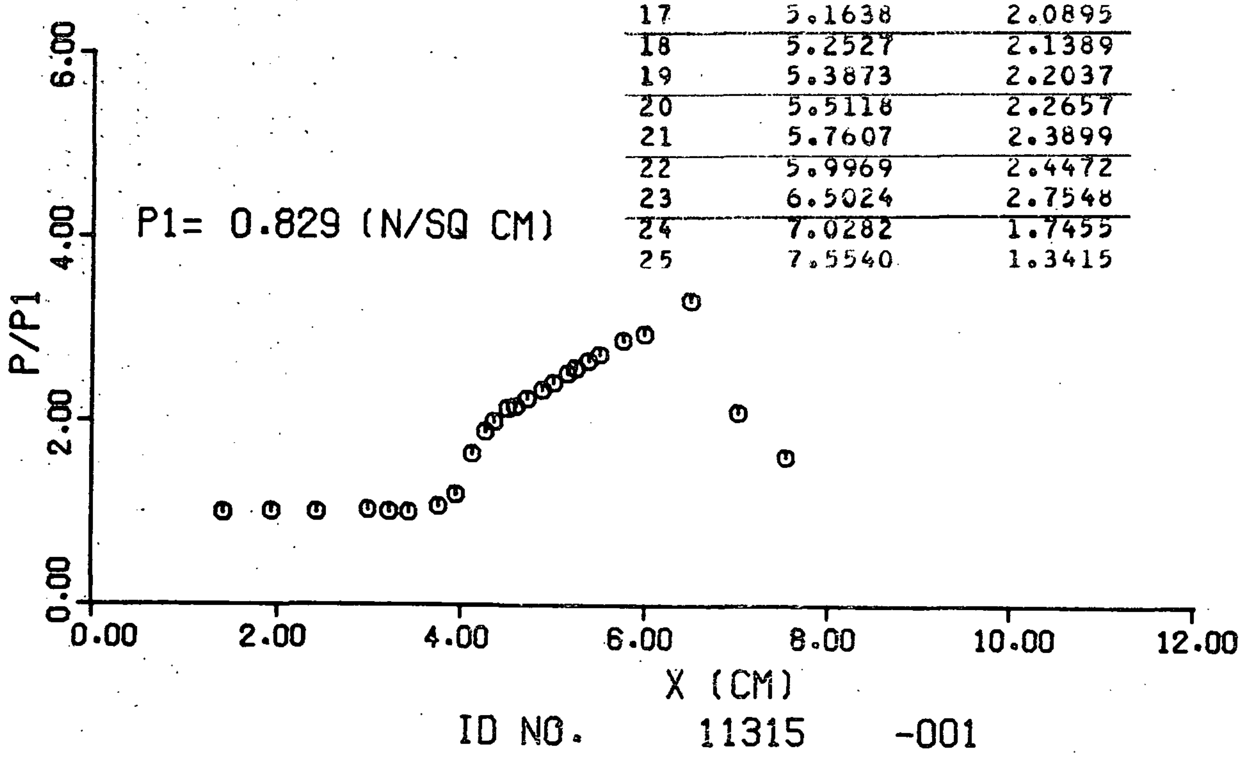
STATION X= 7.23 CM PTO= 23.653 N/SQ CM TTO=299.94K
R= 2.576 CM PWALL= 1.8528 N/SQ CM CF= .00187 PI =1.044
UE= 536.9 M/SEC RHOE=.01283 KG/CUB M RE= 20.740E6 /M
DELTA= .359 CM DELTA*= .0961 CM THETA= .0260 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.078333	.000000	1.000000	.521320	.000000
2	.012700	.165217	.631667	1.000000	.644396	1.086475
3	.025400	.185253	.675518	1.000000	.667020	1.182120
4	.038100	.195456	.694854	1.000000	.678023	1.225944
5	.050800	.203958	.710392	1.000000	.687367	1.261966
6	.063500	.212535	.724931	1.000000	.696541	1.296359
7	.076200	.222442	.741190	1.000000	.707325	1.335655
8	.088900	.233606	.758129	1.000000	.719187	1.377587
9	.101600	.244992	.774411	1.000000	.731237	1.418914
10	.114300	.258300	.792617	1.000000	.745517	1.466383
11	.127000	.273530	.811786	1.000000	.761550	1.517910
12	.139700	.288835	.829782	1.000000	.777613	1.567838
13	.152400	.305248	.847833	1.000000	.794799	1.619549
14	.165100	.322474	.865543	1.000000	.812797	1.671995
15	.177800	.339257	.881961	1.000000	.830582	1.722246
16	.190500	.357371	.898334	1.000000	.849466	1.774051
17	.203200	.377112	.915036	1.000000	.870019	1.828763
18	.215900	.396556	.930443	1.000000	.890240	1.881042
19	.228600	.414300	.943687	1.000000	.908675	1.927469
20	.241300	.430935	.955458	1.000000	.925946	1.969970
21	.254000	.447718	.966753	1.000000	.943360	2.011914
22	.266700	.461692	.975744	1.000000	.957851	2.046163
23	.279400	.473447	.983037	1.000000	.970038	2.074528
24	.292100	.483502	.989273	1.000000	.980782	2.099218
25	.304800	.490230	.993229	1.000000	.987759	2.115095
26	.317500	.495332	.996181	1.000000	.993048	2.127053
27	.330200	.498289	.997873	1.000000	.996114	2.133954
28	.342900	.496145	.996647	1.000000	.993891	2.128954
29	.355600	.501320	.999595	1.000000	.999256	2.141004
30	.368300	.503538	1.000845	1.000000	1.001555	2.146148
31	.381000	.506126	1.002295	1.000000	1.004238	2.152133
32	.393700	.508566	1.003653	1.000000	1.006766	2.157760
33	.406400	.510119	1.004513	1.000000	1.008376	2.161333
34	.419100	.510562	1.004758	1.000000	1.008835	2.162353
35	.431800	.511080	1.005043	1.000000	1.009372	2.163543
36	.444500	.511228	1.005125	1.000000	1.009525	2.163882
37	.457200	.510932	1.004962	1.000000	1.009218	2.163203
38	.469900	.510932	1.004962	1.000000	1.009218	2.163203
39	.482600	.510710	1.004839	1.000000	1.008989	2.162693
40	.495300	.510193	1.004554	1.000000	1.008452	2.161503
41	.508000	.510045	1.004472	1.000000	1.008299	2.161163
42	.520700	.509749	1.004308	1.000000	1.007992	2.160483
43	.546100	.509749	1.004308	1.000000	1.007992	2.160483

ID NO. 11315-001

PTO= 14.4811 N/SQ CM
TTO= 302.3333 K
PBAR= 76.4000 MMHG
TMAN= 299.5000 K

I	X(CM)	P(N/SQ CM)
1	1.4224	.8288
2	1.9456	.8398
3	2.4333	.8343
4	2.9921	.8566
5	3.2283	.8378
6	3.4392	.8340
7	3.7643	.8871
8	3.9573	.9972
9	4.1275	1.3638
10	4.2723	1.5665
11	4.3637	1.6539
12	4.5136	1.7767
13	4.5999	1.7942
14	4.7244	1.8635
15	4.8870	1.9413
16	5.0114	2.0072
17	5.1638	2.0895
18	5.2527	2.1389
19	5.3873	2.2037
20	5.5118	2.2657
21	5.7607	2.3899
22	5.9969	2.4472
23	6.5024	2.7548
24	7.0282	1.7455
25	7.5540	1.3415



STATION X= 3.23 CM PTO= 23.656 N/SQ CM TTO=300.56K
R= 2.588 CM PWALL= .8377 N/SQ CM CF= .00193 PI = .692
UE= 608.0 M/SEC RHOE=.00779 KG/CUB M RE= 18.884E6 /M
DELTA= .341 CM DELTA*= .0989 CM THETA= .0190 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.035413	.000000	1.000000	.387295	.000000
2	.012700	.079494	.579653	1.000000	.487696	1.138497
3	.025400	.116307	.699392	1.000000	.553046	1.462820
4	.038100	.135453	.744037	1.000000	.586090	1.602012
5	.050800	.148611	.770689	1.000000	.608881	1.691354
6	.063500	.158073	.787974	1.000000	.625103	1.752173
7	.076200	.169604	.807373	1.000000	.644839	1.823432
8	.088900	.180249	.823861	1.000000	.663030	1.886731
9	.101600	.190746	.838947	1.000000	.680948	1.947068
10	.114300	.202352	.854430	1.000000	.700740	2.011613
11	.127000	.213440	.868178	1.000000	.719634	2.071353
12	.139700	.223272	.879768	1.000000	.736623	2.123636
13	.152400	.238869	.896582	1.000000	.763186	2.202901
14	.165100	.250179	.907876	1.000000	.782438	2.258607
15	.177800	.262672	.919567	1.000000	.803693	2.318559
16	.190500	.275460	.930767	1.000000	.825443	2.378342
17	.203200	.289062	.941912	1.000000	.848569	2.440299
18	.215900	.303255	.952779	1.000000	.872692	2.503297
19	.228600	.314491	.960883	1.000000	.891785	2.552055
20	.241300	.326096	.968829	1.000000	.911502	2.601449
21	.254000	.337407	.976188	1.000000	.930714	2.648689
22	.266700	.346795	.982139	1.000000	.946962	2.687996
23	.279400	.355517	.987362	1.000000	.961784	2.723357
24	.292100	.362540	.991432	1.000000	.973716	2.751493
25	.304800	.367714	.994357	1.000000	.982507	2.772040
26	.317500	.373111	.997343	1.000000	.991674	2.793306
27	.330200	.376215	.999032	1.000000	.996949	2.805468
28	.342900	.378211	1.000107	1.000000	1.000339	2.813258
29	.355600	.379838	1.000977	1.000000	1.003102	2.819590
30	.368300	.380725	1.001449	1.000000	1.004609	2.823038
31	.381000	.381464	1.001841	1.000000	1.005864	2.825907
32	.393700	.381464	1.001841	1.000000	1.005864	2.825907
33	.406400	.381242	1.001723	1.000000	1.005488	2.825047
34	.419100	.381242	1.001723	1.000000	1.005488	2.825047
35	.431800	.381242	1.001723	1.000000	1.005488	2.825047
36	.444500	.381242	1.001723	1.000000	1.005488	2.825047
37	.457200	.381020	1.001606	1.000000	1.005111	2.824186
38	.469900	.380946	1.001567	1.000000	1.004985	2.823899
39	.482600	.380946	1.001567	1.000000	1.004985	2.823899
40	.495300	.381242	1.001723	1.000000	1.005488	2.825047
41	.508000	.381242	1.001723	1.000000	1.005488	2.825047
42	.520700	.381316	1.001763	1.000000	1.005613	2.825334
43	.533400	.381316	1.001763	1.000000	1.005613	2.825334

STATION X= 3.43 CM PTO= 23.656 N/SQ CM TTO=300.56K
R= 2.588 CM PWALL= .8340 N/SQ CM CF= .00193 PI = .668
UE= 608.9 M/SEC RHOE=.00779 KG/CUB M RE= 18.989E6 /M
DELTA= .351 CM DELTA*= .1006 CM THETA= .0193 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.035254	.000000	1.000000	.385605	.000000
2	.012700	.082229	.591521	1.000000	.491201	1.170138
3	.025400	.114607	.695389	1.000000	.548592	1.453750
4	.038100	.134344	.741946	1.000000	.582674	1.598535
5	.050800	.147871	.769494	1.000000	.606103	1.690893
6	.063500	.159181	.790077	1.000000	.625494	1.763675
7	.076200	.169604	.807492	1.000000	.643331	1.828070
8	.088900	.180693	.824595	1.000000	.662281	1.894083
9	.101600	.190376	.838472	1.000000	.678812	1.949846
10	.114300	.200356	.851852	1.000000	.695833	2.005644
11	.127000	.214179	.869015	1.000000	.719390	2.080400
12	.139700	.225711	.882415	1.000000	.739277	2.141479
13	.152400	.236725	.894241	1.000000	.758037	2.197541
14	.165100	.247961	.905564	1.000000	.777166	2.253270
15	.177800	.261119	.917966	1.000000	.799557	2.316800
16	.190500	.272208	.927767	1.000000	.818419	2.368995
17	.203200	.283813	.937448	1.000000	.838155	2.422405
18	.215900	.297489	.948166	1.000000	.861404	2.483850
19	.228600	.308577	.956357	1.000000	.880250	2.532564
20	.241300	.323509	.966744	1.000000	.905623	2.596707
21	.254000	.332306	.972546	1.000000	.920568	2.633756
22	.266700	.342285	.978863	1.000000	.937520	2.675160
23	.279400	.352339	.985069	1.000000	.954905	2.716967
24	.292100	.361135	.990198	1.000000	.969854	2.752405
25	.304800	.366384	.993171	1.000000	.978772	2.773332
26	.317500	.371115	.995797	1.000000	.986810	2.792061
27	.330200	.374885	.997854	1.000000	.993215	2.806895
28	.342900	.377768	.999407	1.000000	.998113	2.818186
29	.355600	.379394	1.000275	1.000000	1.000876	2.824535
30	.368300	.380651	1.000942	1.000000	1.003011	2.829431
31	.381000	.381094	1.001176	1.000000	1.003765	2.831157
32	.393700	.381464	1.001372	1.000000	1.004393	2.832594
33	.406400	.381759	1.001527	1.000000	1.004895	2.833744
34	.419100	.381759	1.001527	1.000000	1.004895	2.833744
35	.431800	.381759	1.001527	1.000000	1.004895	2.833744
36	.444500	.381759	1.001527	1.000000	1.004895	2.833744
37	.457200	.381759	1.001527	1.000000	1.004895	2.833744
38	.469900	.381759	1.001527	1.000000	1.004895	2.833744
39	.482600	.381759	1.001527	1.000000	1.004895	2.833744
40	.495300	.381759	1.001527	1.000000	1.004895	2.833744
41	.508000	.381759	1.001527	1.000000	1.004895	2.833744
42	.520700	.381759	1.001527	1.000000	1.004895	2.833744
43	.533400	.381759	1.001527	1.000000	1.004895	2.833744

STATION X= 3.76 CM PTO= 23.656 N/SQ CM TTO=300.56K
R= 2.588 CM PWALL= .8871 N/SQ CM CF= .00190 PI = .792
UE= 600.0 M/SEC RHOE=.00792 KG/CUB M RE= 18.209E6 /M
DELTA= .341 CM DELTA*= .1008 CM THETA= .0202 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.037501	.000000	1.000000	.403336	.000000
2	.012700	.074541	.548249	1.000000	.491480	1.045314
3	.025400	.109210	.671711	1.000000	.551920	1.357179
4	.038100	.129835	.724562	1.000000	.587305	1.510164
5	.050800	.143732	.754571	1.000000	.610862	1.603939
6	.063500	.157777	.781716	1.000000	.634784	1.693864
7	.076200	.168422	.800224	1.000000	.652730	1.758306
8	.088900	.177958	.815606	1.000000	.668781	1.814005
9	.101600	.189194	.832451	1.000000	.687668	1.877433
10	.114300	.201686	.849746	1.000000	.708642	1.945446
11	.127000	.212257	.863338	1.000000	.726372	2.001137
12	.139700	.224232	.877710	1.000000	.746442	2.062365
13	.152400	.233842	.888699	1.000000	.762791	2.110929
14	.165100	.246409	.901990	1.000000	.783843	2.171864
15	.177800	.258606	.914049	1.000000	.804265	2.229386
16	.190500	.271173	.925691	1.000000	.825297	2.287113
17	.203200	.282705	.935742	1.000000	.844590	2.338813
18	.215900	.294828	.945715	1.000000	.864865	2.391943
19	.228600	.305251	.953843	1.000000	.882292	2.436685
20	.241300	.317596	.962978	1.000000	.902928	2.488623
21	.254000	.328018	.970307	1.000000	.920348	2.531637
22	.266700	.340955	.978954	1.000000	.941963	2.584017
23	.279400	.347164	.982938	1.000000	.952337	2.608783
24	.292100	.355813	.988320	1.000000	.966785	2.642887
25	.304800	.363427	.992902	1.000000	.979503	2.672547
26	.317500	.368454	.995961	1.000000	.988216	2.692679
27	.330200	.373111	.998641	1.000000	.995998	2.710535
28	.342900	.375994	1.000275	1.000000	1.000816	2.721529
29	.355600	.378655	1.001768	1.000000	1.005262	2.731638
30	.368300	.379838	1.002426	1.000000	1.007239	2.736118
31	.381000	.380799	1.002959	1.000000	1.008845	2.739754
32	.393700	.381981	1.003612	1.000000	1.010821	2.744221
33	.406400	.382499	1.003896	1.000000	1.011685	2.746173
34	.419100	.383090	1.004221	1.000000	1.012673	2.748402
35	.431800	.383090	1.004221	1.000000	1.012673	2.748402
36	.444500	.383090	1.004221	1.000000	1.012673	2.748402
37	.457200	.383090	1.004221	1.000000	1.012673	2.748402
38	.469900	.383460	1.004424	1.000000	1.013291	2.749795
39	.482600	.383312	1.004343	1.000000	1.013044	2.749238
40	.495300	.383312	1.004343	1.000000	1.013044	2.749238
41	.508000	.383312	1.004343	1.000000	1.013044	2.749238
42	.520700	.383312	1.004343	1.000000	1.013044	2.749238

STATION X= 3.96 CM PTO= 23.656 N/SQ CM TTO=300.56K
R= 2.588 CM PWALL= .9972 N/SQ CM CF= .00193 PI = .860
UE= 584.4 M/SEC RHOE=.00828 KG/CUB M RE= 17.264E6 /M
DELTA= .343 CM DELTA*= .0999 CM THETA= .0217 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.042154	.000000	1.000000	.433944	.000000
2	.012700	.081638	.553374	1.000000	.524936	1.023928
3	.025400	.106475	.643320	1.000000	.566705	1.236809
4	.038100	.129243	.705899	1.000000	.604432	1.401567
5	.050800	.146541	.745140	1.000000	.632843	1.513853
6	.063500	.159699	.771214	1.000000	.654194	1.593036
7	.076200	.169678	.789298	1.000000	.670337	1.650384
8	.088900	.181136	.808744	1.000000	.689062	1.714501
9	.101600	.191263	.824518	1.000000	.705396	1.768536
10	.114300	.201539	.839490	1.000000	.721946	1.821650
11	.127000	.213070	.855187	1.000000	.740497	1.879405
12	.139700	.224306	.869476	1.000000	.758554	1.933964
13	.152400	.235173	.882447	1.000000	.776001	1.985259
14	.165100	.245670	.894258	1.000000	.792844	2.033548
15	.177800	.256758	.906039	1.000000	.810625	2.083312
16	.190500	.269768	.919203	1.000000	.831756	2.140952
17	.203200	.279969	.928820	1.000000	.848110	2.184514
18	.215900	.292610	.940101	1.000000	.868366	2.237296
19	.228600	.303329	.949161	1.000000	.885535	2.281079
20	.241300	.315674	.959068	1.000000	.905303	2.330471
21	.254000	.326466	.967300	1.000000	.922581	2.372798
22	.266700	.336889	.974899	1.000000	.939263	2.412961
23	.279400	.346573	.981669	1.000000	.954758	2.449679
24	.292100	.355369	.987592	1.000000	.968832	2.482557
25	.304800	.361801	.991792	1.000000	.979120	2.506318
26	.317500	.367714	.995562	1.000000	.988579	2.527967
27	.330200	.371854	.998150	1.000000	.995200	2.543011
28	.342900	.374737	.999928	1.000000	.999811	2.553436
29	.355600	.377472	1.001596	1.000000	1.004185	2.563286
30	.368300	.378803	1.002402	1.000000	1.006313	2.568064
31	.381000	.379542	1.002848	1.000000	1.007495	2.570714
32	.393700	.380355	1.003336	1.000000	1.008796	2.573627
33	.406400	.381686	1.004133	1.000000	1.010923	2.578386
34	.419100	.381686	1.004133	1.000000	1.010923	2.578386
35	.431800	.381686	1.004133	1.000000	1.010923	2.578386
36	.444500	.381833	1.004221	1.000000	1.011160	2.578914
37	.457200	.382129	1.004398	1.000000	1.011633	2.579970
38	.469900	.382351	1.004530	1.000000	1.011987	2.580762
39	.482600	.382351	1.004530	1.000000	1.011987	2.580762
40	.495300	.382351	1.004530	1.000000	1.011987	2.580762
41	.508000	.382351	1.004530	1.000000	1.011987	2.580762
42	.520700	.382351	1.004530	1.000000	1.011987	2.580762

ID NO. 11315-006

STATION X= 4.27 CM PTO= 23.656 N/SQ CM TTO=300.56K
R= 2.588 CM PWALL= 1.5665 N/SQ CM CF= .00147 PI[illegible]=2.057
UE= 518.4 M/SEC RHOE=.01017 KG/CUB M RE= 14.989E6 /M
DELTA= .343 CM DELTA*= .1013 CM THETA= .0250 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.066218	.000000	1.000000	.554626	.000000
2	.012700	.074985	.279924	1.000000	.574681	.425207
3	.025400	.081564	.360285	1.000000	.588657	.553893
4	.038100	.091469	.444929	1.000000	.608254	.695313
5	.050800	.106254	.532685	1.000000	.634857	.850464
6	.063500	.124438	.608543	1.000000	.664169	.993752
7	.076200	.146097	.672939	1.000000	.694746	1.123922
8	.088900	.165760	.721919	1.000000	.722277	1.229385
9	.101600	.185424	.763342	1.000000	.749004	1.323758
10	.114300	.204495	.798368	1.000000	.774485	1.407853
11	.127000	.221645	.826934	1.000000	.797513	1.479747
12	.139700	.240126	.854555	1.000000	.821961	1.552435
13	.152400	.258458	.879507	1.000000	.846126	1.621081
14	.165100	.279969	.906416	1.000000	.874686	1.698640
15	.177800	.292980	.921338	1.000000	.891770	1.743383
16	.190500	.305103	.934518	1.000000	.907669	1.784018
17	.203200	.314121	.943905	1.000000	.919487	1.813630
18	.215900	.321587	.951424	1.000000	.929264	1.837770
19	.228600	.327575	.957296	1.000000	.937102	1.856894
20	.241300	.332971	.962473	1.000000	.944163	1.873956
21	.254000	.338885	.968025	1.000000	.951898	1.892472
22	.266700	.345686	.974259	1.000000	.960791	1.913535
23	.279400	.351304	.979292	1.000000	.968135	1.930757
24	.292100	.357609	.984991	1.000000	.976636	1.950502
25	.304800	.364166	.990434	1.000000	.984941	1.969601
26	.317500	.368084	.993728	1.000000	.990058	1.981277
27	.330200	.372298	.997219	1.000000	.995560	1.993756
28	.342900	.375698	1.000000	1.000000	1.000000	2.003769
29	.355600	.377472	1.001438	1.000000	1.002316	2.008972
30	.368300	.379246	1.002867	1.000000	1.004632	2.014162
31	.381000	.380725	1.004051	1.000000	1.006562	2.018477
32	.393700	.381020	1.004287	1.000000	1.006948	2.019338
33	.406400	.381168	1.004405	1.000000	1.007141	2.019769
34	.419100	.381464	1.004641	1.000000	1.007527	2.020630
35	.431800	.381464	1.004641	1.000000	1.007527	2.020630
36	.444500	.381464	1.004641	1.000000	1.007527	2.020630
37	.457200	.381464	1.004641	1.000000	1.007527	2.020630
38	.469900	.382720	1.005640	1.000000	1.009167	2.024286
39	.482600	.400979	1.019692	1.000000	1.032992	2.076659
40	.495300	.482736	1.073722	1.000000	1.139945	2.297109
41	.508000	.501660	1.084438	1.000000	1.164599	2.344987
42	.520700	.503730	1.085576	1.000000	1.167295	2.350163

ID NO. 11315-007

STATION X= 4.52 CM PTO= 23.656 N/SQ CM TTO=300.56K
R= 2.588 CM PWALL= 1.7767 N/SQ CM CF= .00028 PI =*.204
UE= 518.8 M/SEC RHOE=.01155 KG/CUB M RE= 17.058E6 /M
DELTA= .281 CM DELTA*= .1441 CM THETA= .0281 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.075105	.000000	1.000000	.553880	.000000
2	.012700	.077055	.127882	1.000000	.557951	.191695
3	.025400	.078903	.177119	1.000000	.561742	.266401
4	.038100	.080898	.217002	1.000000	.565766	.327555
5	.050800	.084742	.275687	1.000000	.573319	.418906
6	.063500	.090604	.343991	1.000000	.584749	.527880
7	.076200	.098122	.405997	1.000000	.597843	.629970
8	.088900	.107880	.469394	1.000000	.614258	.738271
9	.101600	.119633	.528373	1.000000	.632678	.843402
10	.114300	.133087	.581403	1.000000	.652239	.942288
11	.127000	.148463	.631809	1.000000	.673888	1.040837
12	.139700	.166795	.675247	1.000000	.695316	1.129944
13	.152400	.185571	.716121	1.000000	.718190	1.217892
14	.165100	.204348	.751938	1.000000	.740720	1.298709
15	.177800	.225563	.787816	1.000000	.765965	1.383669
16	.190500	.246779	.819795	1.000000	.791055	1.463226
17	.203200	.271838	.853198	1.000000	.820261	1.550703
18	.215900	.297193	.883377	1.000000	.849681	1.634094
19	.228600	.320774	.908997	1.000000	.877251	1.708549
20	.241300	.344799	.932568	1.000000	.905008	1.780368
21	.254000	.374072	.958652	1.000000	.938765	1.863985
22	.266700	.397431	.977677	1.000000	.965663	1.928018
23	.279400	.423451	.997248	1.000000	.995592	1.996856
24	.292100	.450581	1.016055	1.000000	1.026768	2.066123
25	.304800	.476971	1.033163	1.000000	1.057427	2.132048
26	.317500	.494860	1.043937	1.000000	1.077973	2.175110
27	.330200	.503434	1.048918	1.000000	1.087819	2.195447
28	.342900	.504174	1.049342	1.000000	1.088668	2.197191
29	.355600	.509644	1.052454	1.000000	1.094948	2.210054
30	.368300	.550153	1.074170	1.000000	1.141435	2.303039
31	.381000	.551631	1.074920	1.000000	1.143131	2.306360
32	.393700	.531820	1.064622	1.000000	1.120401	2.261439
33	.406400	.519549	1.057976	1.000000	1.106318	2.233155
34	.419100	.512823	1.054242	1.000000	1.098597	2.217494
35	.431800	.510827	1.053121	1.000000	1.096306	2.212825
36	.444500	.510827	1.053121	1.000000	1.096306	2.212825
37	.457200	.510679	1.053038	1.000000	1.096136	2.212479
38	.469900	.511196	1.053329	1.000000	1.096730	2.213690
39	.482600	.512896	1.054284	1.000000	1.098682	2.217666
40	.495300	.513710	1.054738	1.000000	1.099615	2.219565
41	.508000	.515410	1.055686	1.000000	1.101567	2.223530
42	.520700	.518219	1.057243	1.000000	1.104791	2.230066

STATION X= 4.72 CM PTO= 23.656 N/SQ CM TTO=300.56K
R= 2.588 CM PWALL= 1.8635 N/SQ CM CF= .00010 PI =*.913
UE= 583.9 M/SEC RHOE=.01543 KG/CUB M RE= 32.090E6 /M
DELTA= .394 CM DELTA*= .2240 CM THETA= .0299 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.078772	.000000	1.000000	.434934	.000000
2	.012700	.079568	.071224	1.000000	.436185	.119890
3	.025400	.079864	.083319	1.000000	.436647	.140324
4	.038100	.081046	.119710	1.000000	.438485	.202038
5	.050800	.082820	.158611	1.000000	.441206	.268520
6	.063500	.085038	.195650	1.000000	.444550	.332477
7	.076200	.088660	.242469	1.000000	.449880	.414502
8	.088900	.093096	.287207	1.000000	.456198	.494418
9	.101600	.099970	.341300	1.000000	.465580	.593548
10	.114300	.106401	.381673	1.000000	.473948	.669698
11	.127000	.114902	.425384	1.000000	.484471	.754635
12	.139700	.126212	.472230	1.000000	.497642	.849053
13	.152400	.137670	.510812	1.000000	.510152	.929894
14	.165100	.150902	.549536	1.000000	.524424	1.014285
15	.177800	.163395	.575337	1.000000	.535003	1.072563
16	.190500	.181875	.613390	1.000000	.552371	1.161915
17	.203200	.201021	.647257	1.000000	.569830	1.245295
18	.215900	.222384	.680310	1.000000	.588963	1.330679
19	.228600	.244191	.709982	1.000000	.608159	1.411167
20	.241300	.271099	.742710	1.000000	.631897	1.504751
21	.254000	.299411	.772879	1.000000	.656541	1.596118
22	.266700	.330458	.802421	1.000000	.683681	1.691031
23	.279400	.381316	.843750	1.000000	.727654	1.834420
24	.292100	.434318	.880004	1.000000	.773342	1.972391
25	.304800	.484363	.909340	1.000000	.816398	2.094110
26	.317500	.531303	.933595	1.000000	.857033	2.202824
27	.330200	.574695	.953437	1.000000	.894316	2.298052
28	.342900	.614982	.970100	1.000000	.928910	2.383011
29	.355600	.642555	.980654	1.000000	.952577	2.439430
30	.368300	.666358	.989264	1.000000	.973003	2.487093
31	.381000	.685947	.996030	1.000000	.989810	2.525637
32	.393700	.697479	.999886	1.000000	.999703	2.548052
33	.406400	.701544	1.001223	1.000000	1.003190	2.555907
34	.419100	.703762	1.001948	1.000000	1.005092	2.560182
35	.431800	.700731	1.000956	1.000000	1.002493	2.554338
36	.444500	.691713	.997969	1.000000	.994756	2.536870
37	.457200	.666580	.989342	1.000000	.973193	2.487533
38	.469900	.622079	.972879	1.000000	.935002	2.397660
39	.482600	.579130	.955349	1.000000	.898125	2.307560
40	.495300	.554145	.944304	1.000000	.876662	2.253463
41	.508000	.536108	.935899	1.000000	.861162	2.213574
42	.520700	.533299	.934556	1.000000	.858748	2.207296
43	.533400	.531820	.933845	1.000000	.857477	2.203985

STATION X= 5.00 CM PTO= 23.656 N/SQ CM TTO=300.56K
R= 2.588 CM PWALL= 2.0072 N/SQ CM CF= .00004 PI[illegible]=*.705
UE= 555.3 M/SEC RHOE=.01478 KG/CUB M RE= 26.177E6 /M
DELTA= .376 CM DELTA*= .2185 CM THETA= .0303 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.084647	.000000	1.000000	.489000	.000000
2	.012700	.084595	.000000	1.000000	.489000	.000000
3	.025400	.084890	.016969	1.000000	.489072	.027126
4	.038100	.085556	.068171	1.000000	.490164	.109097
5	.050800	.086221	.094675	1.000000	.491250	.151679
6	.063500	.088512	.153323	1.000000	.494945	.246563
7	.076200	.091395	.202813	1.000000	.499499	.327645
8	.088900	.095091	.250421	1.000000	.505189	.406855
9	.101600	.099305	.293311	1.000000	.511486	.479497
10	.114300	.105219	.341611	1.000000	.520009	.563091
11	.127000	.113424	.394664	1.000000	.531287	.657557
12	.139700	.123477	.446025	1.000000	.544336	.752201
13	.152400	.133087	.485986	1.000000	.556117	.828416
14	.165100	.146984	.533224	1.000000	.572125	.921927
15	.177800	.162730	.578682	1.000000	.589953	1.015991
16	.190500	.180841	.615362	1.000000	.606324	1.095278
17	.203200	.200282	.652802	1.000000	.625130	1.179799
18	.215900	.225120	.694013	1.000000	.648649	1.277656
19	.228600	.248996	.728400	1.000000	.670892	1.363759
20	.241300	.283592	.771546	1.000000	.702778	1.478468
21	.254000	.308207	.798347	1.000000	.725186	1.554024
22	.266700	.335706	.825361	1.000000	.750119	1.633994
23	.279400	.368601	.854557	1.000000	.780112	1.725286
24	.292100	.398170	.877975	1.000000	.806796	1.802625
25	.304800	.429661	.900626	1.000000	.835164	1.881359
26	.317500	.465808	.924155	1.000000	.867676	1.967728
27	.330200	.500478	.944605	1.000000	.898821	2.047048
28	.342900	.532412	.962042	1.000000	.927793	2.118169
29	.355600	.567081	.979283	1.000000	.958911	2.191990
30	.368300	.595837	.992541	1.000000	.984706	2.251350
31	.381000	.623409	1.004460	1.000000	1.009430	2.306811
32	.393700	.642629	1.012348	1.000000	1.026659	2.344683
33	.406400	.658300	1.018542	1.000000	1.040704	2.375110
34	.419100	.675450	1.025089	1.000000	1.056071	2.407961
35	.431800	.683951	1.028249	1.000000	1.063687	2.424078
36	.444500	.693783	1.031836	1.000000	1.072495	2.442583
37	.457200	.702432	1.034932	1.000000	1.080243	2.458746
38	.469900	.706719	1.036447	1.000000	1.084083	2.466718
39	.482600	.713594	1.038849	1.000000	1.090241	2.479448
40	.495300	.717216	1.040102	1.000000	1.093485	2.486128
41	.508000	.720099	1.041092	1.000000	1.096067	2.491432
42	.520700	.723130	1.042128	1.000000	1.098781	2.496996
43	.533400	.724386	1.042555	1.000000	1.099907	2.499299

STATION X= 5.26 CM PTO= 23.656 N/SQ CM TTO=300.56K
R= 2.586 CM PWALL= 2.1389 N/SQ CM CF= .00014 PI...=*.549
UE= 537.7 M/SEC RHOE=.01479 KG/CUB M RE= 23.931E6 /M
DELTA= .360 CM DELTA*= .1915 CM THETA= .0319 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.090413	.000000	1.000000	.520818	.000000
2	.012700	.093539	.142013	1.000000	.525900	.220889
3	.025400	.094057	.153045	1.000000	.526729	.238235
4	.038100	.095091	.172813	1.000000	.528379	.269427
5	.050800	.096274	.192656	1.000000	.530248	.300895
6	.063500	.098492	.224522	1.000000	.533710	.351807
7	.076200	.102040	.266269	1.000000	.539134	.419336
8	.088900	.105662	.301482	1.000000	.544534	.477163
9	.101600	.112019	.352043	1.000000	.553700	.561856
10	.114300	.119707	.401012	1.000000	.564301	.646103
11	.127000	.127321	.440962	1.000000	.574331	.716762
12	.139700	.137522	.485454	1.000000	.587119	.797817
13	.152400	.151494	.534921	1.000000	.603576	.891351
14	.165100	.168126	.582191	1.000000	.621810	.984662
15	.177800	.184093	.617493	1.000000	.637250	1.057254
16	.190500	.205826	.660939	1.000000	.658701	1.150531
17	.203200	.231255	.703685	1.000000	.682841	1.247185
18	.215900	.263781	.750169	1.000000	.713118	1.358728
19	.228600	.295271	.788951	1.000000	.742184	1.457802
20	.241300	.327945	.823940	1.000000	.771932	1.552665
21	.254000	.361209	.855447	1.000000	.802073	1.643209
22	.266700	.393587	.883118	1.000000	.831596	1.727299
23	.279400	.431287	.911719	1.000000	.865593	1.819325
24	.292100	.464034	.934120	1.000000	.895068	1.895498
25	.304800	.496929	.954679	1.000000	.924637	1.968954
26	.317500	.522876	.969693	1.000000	.947937	2.024961
27	.330200	.549635	.984191	1.000000	.971950	2.081106
28	.342900	.567303	.993448	1.000000	.988126	2.118087
29	.355600	.576987	.998262	1.000000	.996815	2.137690
30	.368300	.586375	1.002828	1.000000	1.005238	2.156520
31	.381000	.592806	1.005899	1.000000	1.011007	2.169323
32	.393700	.597832	1.008269	1.000000	1.015516	2.179277
33	.406400	.601750	1.010097	1.000000	1.019030	2.187003
34	.419100	.608403	1.013166	1.000000	1.024996	2.200059
35	.431800	.614760	1.016056	1.000000	1.030697	2.212462
36	.444500	.620378	1.018577	1.000000	1.035734	2.223364
37	.457200	.626884	1.021457	1.000000	1.041566	2.235920
38	.469900	.635532	1.025224	1.000000	1.049319	2.252503
39	.482600	.642703	1.028295	1.000000	1.055746	2.266158
40	.495300	.651573	1.032030	1.000000	1.063697	2.282936
41	.508000	.659705	1.035393	1.000000	1.070984	2.298207
42	.520700	.668206	1.038848	1.000000	1.078601	2.314062
43	.533400	.651573	1.032030	1.000000	1.063697	2.282936

STATION X= 5.51 CM PTO= 23.656 N/SQ CM TTO=300.56K
R= 2.588 CM PWALL= 2.2657 N/SQ CM CF= .00019 PI =*.590
UE= 537.1 M/SEC RHOE=.01563 KG/CUB M RE= 25.221E6 /M
DELTA= .353 CM DELTA*= .1822 CM THETA= .0320 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.095777	.000000	1.000000	.521903	.000000
2	.012700	.101523	.185817	1.000000	.530663	.289697
3	.025400	.102410	.199085	1.000000	.531984	.310767
4	.038100	.103371	.212375	1.000000	.533405	.331956
5	.050800	.104553	.227475	1.000000	.535142	.356136
6	.063500	.107141	.256792	1.000000	.538893	.403441
7	.076200	.111354	.296891	1.000000	.544865	.469019
8	.088900	.116455	.337073	1.000000	.551882	.535914
9	.101600	.123773	.384401	1.000000	.561576	.616504
10	.114300	.132348	.429666	1.000000	.572427	.695727
11	.127000	.143510	.477728	1.000000	.585824	.782551
12	.139700	.155190	.519056	1.000000	.599068	.859805
13	.152400	.170418	.563476	1.000000	.615306	.945952
14	.165100	.188528	.608695	1.000000	.634255	1.037479
15	.177800	.209966	.647170	1.000000	.652576	1.118876
16	.190500	.233473	.686896	1.000000	.673927	1.206828
17	.203200	.262894	.729769	1.000000	.700181	1.306889
18	.215900	.295863	.770660	1.000000	.728864	1.408101
19	.228600	.336298	.814120	1.000000	.763997	1.522937
20	.241300	.371558	.846896	1.000000	.794261	1.615325
21	.254000	.410219	.878968	1.000000	.827591	1.711311
22	.266700	.445702	.905069	1.000000	.857875	1.794080
23	.279400	.484732	.930926	1.000000	.891121	1.880752
24	.292100	.518662	.951341	1.000000	.919979	1.952869
25	.304800	.549635	.968528	1.000000	.946295	2.016386
26	.317500	.576173	.982280	1.000000	.968825	2.069217
27	.330200	.594210	.991345	1.000000	.984457	2.105092
28	.342900	.606481	.997184	1.000000	.994874	2.128665
29	.355600	.613947	1.000660	1.000000	1.001211	2.142878
30	.368300	.618678	1.002834	1.000000	1.005226	2.151835
31	.381000	.620896	1.003845	1.000000	1.007108	2.156020
32	.393700	.621192	1.003980	1.000000	1.007359	2.156577
33	.406400	.620231	1.003542	1.000000	1.006544	2.154765
34	.419100	.618604	1.002800	1.000000	1.005164	2.151695
35	.431800	.616535	1.001852	1.000000	1.003407	2.147781
36	.444500	.614243	1.000797	1.000000	1.001462	2.143439
37	.457200	.612617	1.000045	1.000000	1.000082	2.140352
38	.469900	.611286	.999428	1.000000	.998953	2.137823
39	.482600	.610990	.999290	1.000000	.998702	2.137261
40	.495300	.612838	1.000147	1.000000	1.000270	2.140773
41	.508000	.615056	1.001172	1.000000	1.002152	2.144981
42	.520700	.615574	1.001410	1.000000	1.002591	2.145961
43	.533400	.624518	1.005486	1.000000	1.010182	2.162838

STATION X= 5.77 CM PTO= 23.656 N/SQ CM TTO=300.56K
R= 2.588 CM PWALL= 2.3899 N/SQ CM CF= .00031 PT. :=9.178
UE= 531.3 M/SEC RHOE=.01617 KG/CUB M RE= 25.360E6 /M
DELTA= .321 CM DELTA*= .1585 CM THETA= .0307 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.101025	.000000	1.000000	.532124	.000000
2	.012700	.108619	.209300	1.000000	.543258	.323458
3	.025400	.111132	.239676	1.000000	.546821	.371614
4	.038100	.113646	.265830	1.000000	.550326	.413561
5	.050800	.117933	.304044	1.000000	.556179	.475432
6	.063500	.122812	.340573	1.000000	.562658	.535645
7	.076200	.128652	.377679	1.000000	.570176	.597959
8	.088900	.137522	.424596	1.000000	.581143	.678674
9	.101600	.147798	.469212	1.000000	.593231	.757749
10	.114300	.160438	.514382	1.000000	.607305	.840492
11	.127000	.175149	.557624	1.000000	.622719	.922640
12	.139700	.193703	.604659	1.000000	.641934	1.015780
13	.152400	.214697	.642042	1.000000	.659276	1.093055
14	.165100	.240569	.685802	1.000000	.682256	1.187727
15	.177800	.270729	.728847	1.000000	.708124	1.285983
16	.190500	.305546	.771718	1.000000	.737670	1.389742
17	.203200	.339624	.808281	1.000000	.766397	1.483648
18	.215900	.379764	.845708	1.000000	.799747	1.585772
19	.228600	.416872	.876243	1.000000	.830452	1.674273
20	.241300	.455385	.904835	1.000000	.862525	1.761975
21	.254000	.493677	.930193	1.000000	.894076	1.844186
22	.266700	.531081	.952670	1.000000	.924846	1.920975
23	.279400	.559467	.968417	1.000000	.948171	1.977197
24	.292100	.591179	.984829	1.000000	.974207	2.038125
25	.304800	.606777	.992485	1.000000	.987005	2.067417
26	.317500	.618309	.997981	1.000000	.996465	2.088803
27	.330200	.628879	1.003088	1.000000	1.005468	2.108956
28	.342900	.632576	1.004782	1.000000	1.008501	2.115762
29	.355600	.633537	1.005221	1.000000	1.009290	2.117453
30	.368300	.634793	1.005793	1.000000	1.010321	2.119739
31	.381000	.634793	1.005793	1.000000	1.010321	2.119739
32	.393700	.634793	1.005793	1.000000	1.010321	2.119739
33	.406400	.633906	1.005389	1.000000	1.009593	2.118125
34	.419100	.632354	1.004681	1.000000	1.008319	2.115298
35	.431800	.630949	1.004038	1.000000	1.007167	2.112737
36	.444500	.629249	1.003258	1.000000	1.005772	2.109632
37	.457200	.627179	1.002304	1.000000	1.004073	2.105845
38	.469900	.624444	1.001037	1.000000	1.001828	2.100831
39	.482600	.620231	.998883	1.000000	.998041	2.092345
40	.495300	.617274	.997493	1.000000	.995616	2.086893
41	.508000	.612765	.995355	1.000000	.991917	2.078549
42	.520700	.606333	.992271	1.000000	.986641	2.066590
43	.533400	.601381	.989866	1.000000	.982578	2.057331

STATION X= 5.99 CM PTO= 23.656 N/SQ CM TTO=300.56K
R= 2.588 CM PWALL= 2.4472 N/SQ CM CF= .00047 PT[illegible]=6.680
UE= 529.7 M/SEC RHOE=.01647 KG/CUB M RE= 25.626E6 /M
DELTA= .310 CM DELTA*= .1435 CM THETA= .0301 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.103446	.000000	1.000000	.534973	.000000
2	.012700	.118007	.281602	1.000000	.555486	.437864
3	.025400	.121260	.308931	1.000000	.559818	.481885
4	.038100	.125547	.340204	1.000000	.565404	.533307
5	.050800	.130426	.371189	1.000000	.571596	.585058
6	.063500	.136857	.406534	1.000000	.579511	.645187
7	.076200	.145506	.446905	1.000000	.589747	.715494
8	.088900	.155929	.487754	1.000000	.601520	.788650
9	.101600	.168126	.527843	1.000000	.614604	.862701
10	.114300	.183650	.570314	1.000000	.630310	.943950
11	.127000	.203461	.616945	1.000000	.650027	1.036980
12	.139700	.223419	.650306	1.000000	.665935	1.106348
13	.152400	.247666	.689682	1.000000	.687028	1.192121
14	.165100	.276199	.729762	1.000000	.711070	1.282908
15	.177800	.313752	.775059	1.000000	.742347	1.392184
16	.190500	.348938	.811901	1.000000	.771452	1.486675
17	.203200	.391739	.850738	1.000000	.806369	1.592651
18	.215900	.430991	.882302	1.000000	.838520	1.684350
19	.228600	.470761	.910631	1.000000	.870757	1.771533
20	.241300	.507722	.934400	1.000000	.900654	1.848716
21	.254000	.549044	.958509	1.000000	.934024	1.931228
22	.266700	.577282	.973684	1.000000	.956802	1.985581
23	.279400	.603155	.986767	1.000000	.977657	2.034072
24	.292100	.617643	.993777	1.000000	.989331	2.060716
25	.304800	.627845	.998585	1.000000	.997547	2.079266
26	.317500	.633241	1.001086	1.000000	1.001893	2.089010
27	.330200	.633980	1.001427	1.000000	1.002488	2.090341
28	.342900	.633610	1.001257	1.000000	1.002191	2.089676
29	.355600	.631836	1.000438	1.000000	1.000762	2.086478
30	.368300	.628658	.998964	1.000000	.998202	2.080737
31	.381000	.624962	.997237	1.000000	.995225	2.074041
32	.393700	.619196	.994516	1.000000	.990581	2.063550
33	.406400	.615056	.992541	1.000000	.987246	2.055984
34	.419100	.610029	.990121	1.000000	.983197	2.046758
35	.431800	.605225	.987782	1.000000	.979325	2.037900
36	.444500	.599754	.985090	1.000000	.974917	2.027767
37	.457200	.595097	.982772	1.000000	.971164	2.019099
38	.469900	.589775	.980095	1.000000	.966874	2.009145
39	.482600	.584970	.977650	1.000000	.963001	2.000116
40	.495300	.579278	.974721	1.000000	.958412	1.989365
41	.508000	.572182	.971015	1.000000	.952689	1.975877
42	.520700	.567451	.968512	1.000000	.948874	1.966832
43	.533400	.560502	.964785	1.000000	.943269	1.953470

STATION X= 6.50 CM PTO= 23.656 N/SQ CM TTO=300.56K
R= 2.588 CM PWALL= 2.1450 N/SQ CM CF= .00119 PT/[illegible]=2.556
UE= 534.2 M/SEC RHOE=.01466 KG/CUB M RE= 23.310E6 /M
DELTA= .294 CM DELTA*= .1068 CM THETA= .0265 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.090674	.000000	1.000000	.527023	.000000
2	.012700	.139868	.496323	1.000000	.596525	.812024
3	.025400	.148685	.527828	1.000000	.607010	.871125
4	.038100	.156742	.553239	1.000000	.616232	.919973
5	.050800	.164652	.575612	1.000000	.624961	.963933
6	.063500	.175075	.603912	1.000000	.636885	1.020927
7	.076200	.188307	.629652	1.000000	.648658	1.074234
8	.088900	.204495	.661458	1.000000	.664543	1.142231
9	.101600	.223863	.695205	1.000000	.683198	1.217241
10	.114300	.244783	.727507	1.000000	.703007	1.292133
11	.127000	.268364	.760054	1.000000	.725158	1.371043
12	.139700	.296010	.793980	1.000000	.750923	1.457463
13	.152400	.321218	.821475	1.000000	.774095	1.531024
14	.165100	.353743	.853302	1.000000	.803862	1.620630
15	.177800	.381981	.878407	1.000000	.829891	1.695106
16	.190500	.414137	.904085	1.000000	.859179	1.775176
17	.203200	.443928	.925743	1.000000	.886261	1.846126
18	.215900	.470465	.943543	1.000000	.910353	1.907027
19	.228600	.504543	.964602	1.000000	.941254	1.982402
20	.241300	.524724	.976224	1.000000	.959538	2.025680
21	.254000	.542391	.985930	1.000000	.975536	2.062804
22	.266700	.555697	.992969	1.000000	.987581	2.090318
23	.279400	.564642	.997764	1.000000	.996006	2.109352
24	.292100	.568707	.999826	1.000000	.999688	2.117615
25	.304800	.570186	1.000571	1.000000	1.001027	2.120612
26	.317500	.569373	1.000162	1.000000	1.000290	2.118964
27	.330200	.567377	.999153	1.000000	.998483	2.114915
28	.342900	.565529	.998215	1.000000	.996810	2.111158
29	.355600	.562202	.996517	1.000000	.993797	2.104378
30	.368300	.558802	.994766	1.000000	.990718	2.097425
31	.381000	.555549	.992892	1.000000	.987447	2.090015
32	.393700	.552297	.991192	1.000000	.984503	2.083322
33	.406400	.548305	.989086	1.000000	.980890	2.075079
34	.419100	.544313	.986961	1.000000	.977276	2.066802
35	.431800	.540913	.985134	1.000000	.974198	2.059724
36	.444500	.537069	.983050	1.000000	.970718	2.051693
37	.457200	.533151	.980906	1.000000	.967170	2.043474
38	.469900	.528568	.978372	1.000000	.963019	2.033817
39	.482600	.524724	.976224	1.000000	.959538	2.025680
40	.495300	.520436	.973804	1.000000	.955654	2.016566
41	.508000	.516297	.971443	1.000000	.951904	2.007725
42	.520700	.512157	.969056	1.000000	.948154	1.998844
43	.533400	.507278	.966212	1.000000	.943733	1.988325

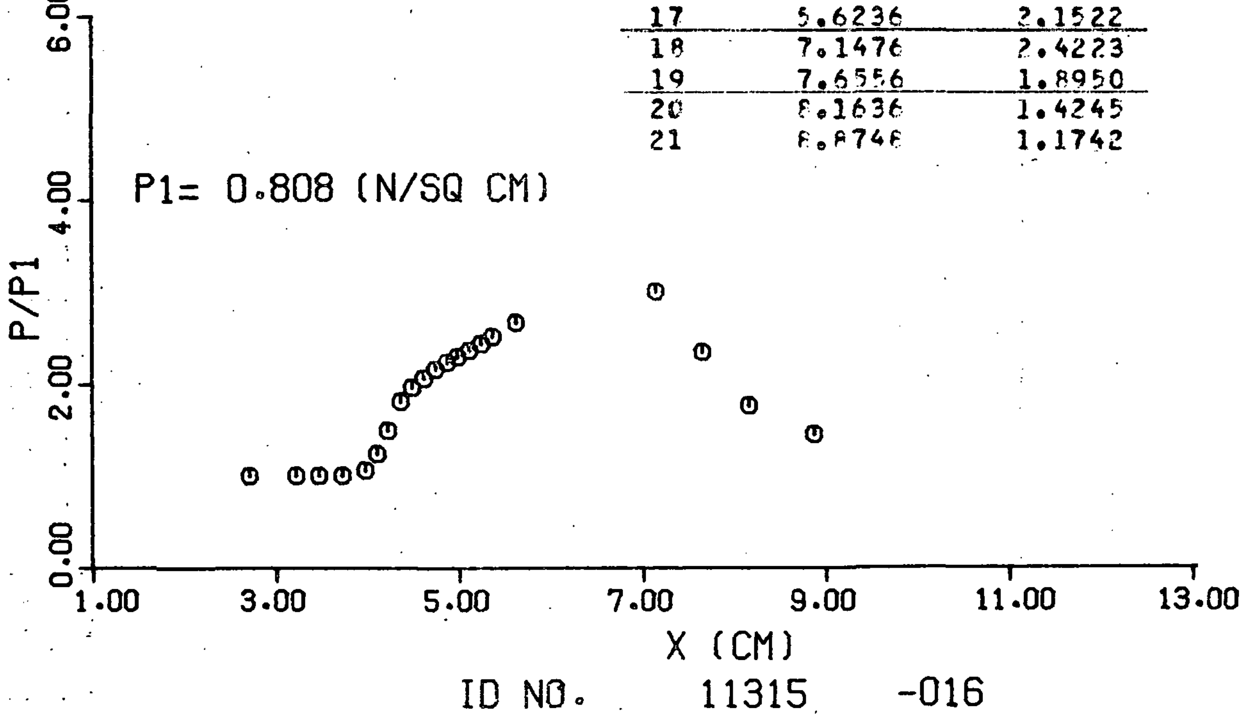
STATION X= 7.04 CM PTO= 23.656 N/SQ CM TTO=300.56K
R= 2.588 CM PWALL= 1.7455 N/SQ CM CF= .00170 PI =1.270
UE= 549.4 M/SEC RHOE=.01258 KG/CUB M RE= 21.605E6 /M
DELTA= .343 CM DELTA*= .1011 CM THETA= .0255 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.073786	.000000	1.000000	.499696	.000000
2	.012700	.142697	.588138	1.000000	.594270	1.022925
3	.025400	.170491	.652154	1.000000	.634762	1.162531
4	.038100	.180397	.672519	1.000000	.645835	1.209243
5	.050800	.188824	.688853	1.000000	.655257	1.247617
6	.063500	.199247	.707457	1.000000	.666617	1.292370
7	.076200	.209305	.724143	1.000000	.677417	1.333524
8	.088900	.220241	.741863	1.000000	.689567	1.378353
9	.101600	.235025	.763853	1.000000	.705699	1.435716
10	.114300	.249514	.783574	1.000000	.721250	1.488921
11	.127000	.266294	.804741	1.000000	.739197	1.548050
12	.139700	.283000	.824260	1.000000	.757011	1.604590
13	.152400	.299780	.842496	1.000000	.774861	1.659313
14	.165100	.318556	.861712	1.000000	.795061	1.719140
15	.177800	.339476	.881283	1.000000	.817253	1.782553
16	.190500	.360100	.899153	1.000000	.839098	1.842844
17	.203200	.380281	.915429	1.000000	.860447	1.899919
18	.215900	.402901	.932409	1.000000	.884351	1.961857
19	.228600	.422047	.945647	1.000000	.904567	2.012750
20	.241300	.440971	.958371	1.000000	.924535	2.061788
21	.254000	.457973	.969216	1.000000	.942779	2.105591
22	.266700	.475418	.979625	1.000000	.961183	2.148877
23	.279400	.488354	.987019	1.000000	.974826	2.180408
24	.292100	.497373	.992020	1.000000	.984334	2.202118
25	.304800	.504026	.995632	1.000000	.991348	2.217995
26	.317500	.508535	.998043	1.000000	.996101	2.228691
27	.330200	.510679	.999180	1.000000	.998361	2.233757
28	.342900	.512231	.999998	1.000000	.999997	2.237419
29	.355600	.511640	.999687	1.000000	.999373	2.236024
30	.368300	.510309	.998934	1.000000	.997971	2.232884
31	.381000	.508609	.998083	1.000000	.996179	2.228865
32	.393700	.506539	.996980	1.000000	.993997	2.223963
33	.406400	.504026	.995632	1.000000	.991348	2.217995
34	.419100	.501734	.994395	1.000000	.988932	2.212539
35	.431800	.498556	.992667	1.000000	.985581	2.204949
36	.444500	.494933	.990680	1.000000	.981763	2.196267
37	.457200	.492124	.989125	1.000000	.978801	2.189510
38	.469900	.489315	.987558	1.000000	.975839	2.182732
39	.482600	.485176	.985227	1.000000	.971474	2.172704
40	.495300	.481775	.983292	1.000000	.967888	2.164431
41	.508000	.478597	.981466	1.000000	.964536	2.156668
42	.520700	.474605	.979151	1.000000	.960325	2.146879
43	.533400	.470687	.976853	1.000000	.956193	2.137227

ID NO. 11315-016

PTO= 23.7046 N/SQ CM
TTO= 302.5556 K
PBAR= 766.6000 MMHG
TMAN= 301.7222 K

I	X(CM)	P(N/SQ CM)
1	2.7153	.8080
2	3.2233	.8128
3	3.4773	.8128
4	3.7313	.8121
5	3.9853	.8559
6	4.1123	1.0005
7	4.2266	1.2060
8	4.3663	1.4618
9	4.4933	1.5846
10	4.6203	1.6646
11	4.7473	1.7456
12	4.8743	1.8061
13	4.9886	1.8550
14	5.1156	1.9091
15	5.2426	1.9682
16	5.3696	2.0335
17	5.6236	2.1522
18	7.1476	2.4223
19	7.6556	1.8950
20	8.1636	1.4245
21	8.8746	1.1742



STATION X= 2.72 CM PTO= 23.674 N/SQ CM TTO=302.56K

R= 2.576 CM PWALL= .8082 N/SQ CM CF= .00176 PI = .963

UE= 608.9 M/SEC RHOE=.00742 KG/CUB M RE= 17.790E6 /M

DELTA= .346 CM DELTA*= .1111 CM THETA= .0211 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.034137	.000000	1.000000	.389635	.000000
2	.012700	.058880	.486103	1.000000	.455301	.917971
3	.025400	.089091	.629842	1.000000	.514120	1.263908
4	.038100	.110881	.697426	1.000000	.554154	1.452997
5	.050800	.128314	.740419	1.000000	.585577	1.585699
6	.063500	.141462	.768600	1.000000	.609348	1.679129
7	.076200	.151655	.788163	1.000000	.627592	1.747454
8	.088900	.161849	.806153	1.000000	.645802	1.813087
9	.101600	.171451	.821843	1.000000	.662933	1.872729
10	.114300	.180685	.835911	1.000000	.679387	1.928278
11	.127000	.189918	.849085	1.000000	.695626	1.982224
12	.139700	.200481	.863174	1.000000	.714617	2.042143
13	.152400	.210822	.876220	1.000000	.733243	2.099850
14	.165100	.222419	.889704	1.000000	.753862	2.161936
15	.177800	.233055	.901269	1.000000	.772764	2.217323
16	.190500	.244357	.912799	1.000000	.792838	2.274670
17	.203200	.254624	.922659	1.000000	.811068	2.325525
18	.215900	.267477	.934254	1.000000	.833881	2.387637
19	.228600	.278652	.943887	1.000000	.854065	2.441275
20	.241300	.290966	.953555	1.000000	.875554	2.497115
21	.254000	.301898	.961802	1.000000	.894942	2.546444
22	.266700	.313200	.969889	1.000000	.914981	2.596446
23	.279400	.323541	.976928	1.000000	.933314	2.641361
24	.292100	.333661	.983507	1.000000	.951252	2.684561
25	.304800	.342377	.989052	1.000000	.967014	2.721993
26	.317500	.349763	.993502	1.000000	.980112	2.752695
27	.330200	.355673	.996963	1.000000	.990590	2.777010
28	.342900	.360105	.999504	1.000000	.998448	2.795107
29	.355600	.363576	1.001461	1.000000	1.004603	2.809200
30	.368300	.366088	1.002860	1.000000	1.009056	2.819352
31	.381000	.367639	1.003717	1.000000	1.011806	2.825603
32	.393700	.368378	1.004123	1.000000	1.013115	2.828575
33	.406400	.369116	1.004528	1.000000	1.014425	2.831544
34	.419100	.369264	1.004609	1.000000	1.014686	2.832137
35	.431800	.369486	1.004730	1.000000	1.015079	2.833027
36	.444500	.369486	1.004730	1.000000	1.015079	2.833027
37	.457200	.369486	1.004730	1.000000	1.015079	2.833027
38	.469900	.369486	1.004730	1.000000	1.015079	2.833027
39	.482600	.369486	1.004730	1.000000	1.015079	2.833027
40	.495300	.369486	1.004730	1.000000	1.015079	2.833027
41	.508000	.369486	1.004730	1.000000	1.015079	2.833027
42	.520700	.369486	1.004730	1.000000	1.015079	2.833027
43	.546100	.369486	1.004730	1.000000	1.015079	2.833027

ID NO. 11315-018

STATION X= 3.22 CM PTO= 23.674 N/SQ CM TTO=302.56K
R= 2.576 CM PWALL= .8130 N/SQ CM CF= .00175 PI =1.104
UE= 601.4 M/SEC RHOE=.00719 KG/CUB M RE= 16.413E6 /M
DELTA= .313 CM DELTA*= .1048 CM THETA= .0205 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.034339	.000000	1.000000	.404513	.000000
2	.012700	.058363	.485943	1.000000	.470702	.904511
3	.025400	.074318	.575344	1.000000	.503826	1.107956
4	.038100	.102608	.680327	1.000000	.558425	1.379288
5	.050800	.122848	.735029	1.000000	.596382	1.540003
6	.063500	.136217	.765320	1.000000	.621167	1.636448
7	.076200	.148036	.789432	1.000000	.643216	1.717703
8	.088900	.157417	.806772	1.000000	.660527	1.778898
9	.101600	.167093	.823353	1.000000	.678356	1.839797
10	.114300	.177434	.839782	1.000000	.697386	1.902648
11	.127000	.187850	.855137	1.000000	.716530	1.963849
12	.139700	.198117	.869235	1.000000	.735386	2.022320
13	.152400	.208458	.882501	1.000000	.754364	2.079508
14	.165100	.219464	.895863	1.000000	.774811	2.139412
15	.177800	.231430	.909243	1.000000	.796761	2.201908
16	.190500	.242510	.920826	1.000000	.817075	2.258206
17	.203200	.254255	.932341	1.000000	.838599	2.316364
18	.215900	.265335	.942551	1.000000	.858898	2.369904
19	.228600	.277153	.952809	1.000000	.880543	2.425693
20	.241300	.287864	.961588	1.000000	.900153	2.475153
21	.254000	.298870	.970140	1.000000	.920300	2.524957
22	.266700	.309950	.978307	1.000000	.940578	2.574113
23	.279400	.320217	.985509	1.000000	.959365	2.618832
24	.292100	.329229	.991560	1.000000	.975852	2.657456
25	.304800	.337059	.996735	1.000000	.990494	2.691291
26	.317500	.344593	1.001448	1.000000	1.004284	2.722774
27	.330200	.350724	1.005172	1.000000	1.015504	2.748124
28	.342900	.354786	1.007568	1.000000	1.022939	2.764793
29	.355600	.358701	1.009877	1.000000	1.030103	2.780761
30	.368300	.361287	1.011368	1.000000	1.034833	2.791256
31	.381000	.363576	1.012676	1.000000	1.039023	2.800518
32	.393700	.364684	1.013305	1.000000	1.041051	2.804988
33	.406400	.366088	1.014097	1.000000	1.043619	2.810640
34	.419100	.366605	1.014387	1.000000	1.044565	2.812720
35	.431800	.367344	1.014801	1.000000	1.045916	2.815688
36	.444500	.368082	1.015214	1.000000	1.047266	2.818653
37	.457200	.368230	1.015297	1.000000	1.047538	2.819246
38	.469900	.368895	1.015667	1.000000	1.048755	2.821911
39	.482600	.369116	1.015790	1.000000	1.049160	2.822799
40	.495300	.369264	1.015872	1.000000	1.049430	2.823391
41	.508000	.369412	1.015954	1.000000	1.049701	2.823982
42	.520700	.369412	1.015954	1.000000	1.049701	2.823982
43	.546100	.369412	1.015954	1.000000	1.049701	2.823982

STATION X= 3.46 CM PTU= 23.674 N/SQ CM TTO=302.56K
R= 2.576 CM PWALL= .8130 N/SQ CM CF= .00168 PI =1.137
UE= 505.3 M/SEC RHOE=.00733 KG/CUB M RE= 17.151E6 /M
DELTA= .339 CM DELTA*= .1146 CM THETA= .0220 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.034339	.000000	1.000000	.396877	.000000
2	.012700	.062425	.510182	1.000000	.470782	.964928
3	.025400	.077199	.584728	1.000000	.499978	1.139697
4	.038100	.090494	.636681	1.000000	.525305	1.272002
5	.050800	.113910	.707918	1.000000	.568798	1.471711
6	.063500	.131194	.749593	1.000000	.600318	1.600944
7	.076200	.143456	.775507	1.000000	.622772	1.686981
8	.088900	.154093	.795693	1.000000	.642043	1.757470
9	.101600	.163326	.811856	1.000000	.658744	1.816341
10	.114300	.172264	.826442	1.000000	.674889	1.871496
11	.127000	.182310	.841730	1.000000	.693015	1.931544
12	.139700	.191764	.855163	1.000000	.710060	1.986353
13	.152400	.202697	.869661	1.000000	.729752	2.047848
14	.165100	.213038	.882627	1.000000	.748614	2.105068
15	.177800	.224192	.895540	1.000000	.768694	2.164322
16	.190500	.236084	.908392	1.000000	.790092	2.225730
17	.203200	.245908	.918365	1.000000	.807761	2.275187
18	.215900	.256471	.928497	1.000000	.826752	2.327172
19	.228600	.267920	.938849	1.000000	.847330	2.382221
20	.241300	.280108	.949211	1.000000	.869229	2.439439
21	.254000	.291188	.958096	1.000000	.889131	2.490301
22	.266700	.302268	.966513	1.000000	.909029	2.540134
23	.279400	.312461	.973876	1.000000	.927331	2.585123
24	.292100	.322876	.981050	1.000000	.946029	2.630268
25	.304800	.332257	.987230	1.000000	.962867	2.670309
26	.317500	.340678	.992674	1.000000	.978296	2.706461
27	.330200	.349099	.997817	1.000000	.993416	2.741428
28	.342900	.354122	1.000799	1.000000	1.002435	2.762073
29	.355600	.358775	1.003506	1.000000	1.010790	2.781062
30	.368300	.362099	1.005408	1.000000	1.016757	2.794546
31	.381000	.364980	1.007036	1.000000	1.021929	2.806179
32	.393700	.367196	1.008275	1.000000	1.025907	2.815095
33	.406400	.368378	1.008931	1.000000	1.028029	2.819838
34	.419100	.369042	1.009298	1.000000	1.029222	2.822503
35	.431800	.369486	1.009543	1.000000	1.030018	2.824278
36	.444500	.369633	1.009625	1.000000	1.030283	2.824870
37	.457200	.369781	1.009706	1.000000	1.030548	2.825461
38	.469900	.369781	1.009706	1.000000	1.030548	2.825461
39	.482600	.369781	1.009706	1.000000	1.030548	2.825461
40	.495300	.369781	1.009706	1.000000	1.030548	2.825461
41	.508000	.370150	1.009909	1.000000	1.031211	2.826939
42	.520700	.370889	1.010315	1.000000	1.032537	2.829892
43	.546100	.371258	1.010517	1.000000	1.033200	2.831367

ID NO. 11315-020

STATION X= 3.73 CM PTO= 23.674 N/SQ CM TTO=302.56K
R= 2.576 CM PWALL= .8123 N/SQ CM CF= .00185 PI =1.116
UE= 591.9 M/SEC RHUE=.00667 KG/CUB M RE= 14.760E6 /M
DELTA= .280 CM DELTA*= .0937 CM THETA= .0192 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHUE	M
1	.000000	.034310	.000000	1.000000	.423287	.000000
2	.012700	.063312	.527666	1.000000	.504258	.977967
3	.025400	.070255	.565017	1.000000	.518605	1.062211
4	.038100	.092267	.657603	1.000000	.563928	1.288910
5	.050800	.113984	.724402	1.000000	.606981	1.473041
6	.063500	.134888	.775034	1.000000	.647642	1.627929
7	.076200	.150473	.807130	1.000000	.678024	1.734655
8	.088900	.161923	.828039	1.000000	.700137	1.808380
9	.101600	.171599	.844313	1.000000	.718797	1.868331
10	.114300	.181423	.859684	1.000000	.737721	1.927224
11	.127000	.191469	.874335	1.000000	.757053	1.985585
12	.139700	.200998	.887340	1.000000	.775375	2.039357
13	.152400	.210305	.899285	1.000000	.793260	2.090512
14	.165100	.220498	.911759	1.000000	.813113	2.145868
15	.177800	.230544	.923164	1.000000	.832412	2.198342
16	.190500	.240959	.934301	1.000000	.852411	2.251432
17	.203200	.251965	.945379	1.000000	.873536	2.306184
18	.215900	.262897	.955743	1.000000	.894513	2.359293
19	.228600	.274051	.965718	1.000000	.915907	2.412258
20	.241300	.284762	.974776	1.000000	.936447	2.462033
21	.254000	.296211	.983941	1.000000	.958397	2.514138
22	.266700	.307660	.992614	1.000000	.980343	2.565174
23	.279400	.317484	.999695	1.000000	.999170	2.608163
24	.292100	.327087	1.006317	1.000000	1.017570	2.649501
25	.304800	.336689	1.012773	1.000000	1.036300	2.690930
26	.317500	.345405	1.018306	1.000000	1.053008	2.727354
27	.330200	.352053	1.022390	1.000000	1.065749	2.754808
28	.342900	.358110	1.026012	1.000000	1.077357	2.779584
29	.355600	.362025	1.028306	1.000000	1.084860	2.795480
30	.368300	.364832	1.029927	1.000000	1.090239	2.806821
31	.381000	.367196	1.031279	1.000000	1.094768	2.816336
32	.393700	.368673	1.032117	1.000000	1.097599	2.822267
33	.406400	.369781	1.032742	1.000000	1.099723	2.826707
34	.419100	.370889	1.033364	1.000000	1.101846	2.831139
35	.431800	.371332	1.033612	1.000000	1.102695	2.832910
36	.444500	.371702	1.033819	1.000000	1.103403	2.834385
37	.457200	.372145	1.034066	1.000000	1.104252	2.836154
38	.469900	.371997	1.033984	1.000000	1.103969	2.835565
39	.482600	.371702	1.033819	1.000000	1.103403	2.834385
40	.495300	.371185	1.033530	1.000000	1.102412	2.832320
41	.508000	.370741	1.033281	1.000000	1.101563	2.830549
42	.520700	.370741	1.033281	1.000000	1.101563	2.830549
43	.546100	.370741	1.033281	1.000000	1.101563	2.830549

STATION X= 3.99 CM PTO= 23.674 N/SQ CM TTO=302.56K
R= 2.576 CM PWALL= .8560 N/SQ CM CF= .00149 PI =1.513
UE= 600.0 M/SEC RHOE=.00752 KG/CUB M RE= 17.007E6 /M
DELTA= .343 CM DELTA*= .1140 CM THETA= .0215 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.036159	.000000	1.000000	.407330	.000000
2	.012700	.063681	.501921	1.000000	.478822	.936787
3	.025400	.065602	.513866	1.000000	.482904	.963161
4	.038100	.072028	.551158	1.000000	.496767	1.047782
5	.050800	.080596	.587047	1.000000	.511881	1.132857
6	.063500	.094188	.638566	1.000000	.537141	1.262316
7	.076200	.111842	.692569	1.000000	.569115	1.409227
8	.088900	.132746	.744436	1.000000	.606551	1.563794
9	.101600	.152616	.785256	1.000000	.641926	1.696962
10	.114300	.172707	.820154	1.000000	.677372	1.820653
11	.127000	.189327	.845369	1.000000	.706619	1.916714
12	.139700	.207719	.870162	1.000000	.738933	2.017535
13	.152400	.223157	.889028	1.000000	.766277	2.099069
14	.165100	.239186	.906711	1.000000	.794402	2.179754
15	.177800	.252999	.920719	1.000000	.818623	2.246918
16	.190500	.266369	.933320	1.000000	.842055	2.310038
17	.203200	.276489	.942294	1.000000	.859785	2.356674
18	.215900	.285352	.949787	1.000000	.875311	2.396767
19	.228600	.292655	.955729	1.000000	.888117	2.429340
20	.241300	.298574	.960380	1.000000	.898464	2.455341
21	.254000	.305149	.965404	1.000000	.909974	2.483945
22	.266700	.312461	.970816	1.000000	.922775	2.515376
23	.279400	.320291	.976413	1.000000	.936479	2.548595
24	.292100	.327899	.981667	1.000000	.949794	2.580460
25	.304800	.336320	.987281	1.000000	.964528	2.615271
26	.317500	.343633	.991994	1.000000	.977323	2.645127
27	.330200	.351019	.996609	1.000000	.990245	2.674943
28	.342900	.356411	1.000000	1.000000	1.000000	2.697232
29	.355600	.360622	1.002511	1.000000	1.007369	2.713948
30	.368300	.364389	1.004721	1.000000	1.013962	2.728818
31	.381000	.366679	1.006048	1.000000	1.017970	2.737817
32	.393700	.368378	1.007025	1.000000	1.020943	2.744474
33	.406400	.369264	1.007532	1.000000	1.022494	2.747941
34	.419100	.370150	1.008037	1.000000	1.024046	2.751403
35	.431800	.370446	1.008205	1.000000	1.024563	2.752556
36	.444500	.370446	1.008205	1.000000	1.024563	2.752556
37	.457200	.370446	1.008205	1.000000	1.024563	2.752556
38	.469900	.370446	1.008205	1.000000	1.024563	2.752556
39	.482600	.370446	1.008205	1.000000	1.024563	2.752556
40	.495300	.370446	1.008205	1.000000	1.024563	2.752556
41	.508000	.370446	1.008205	1.000000	1.024563	2.752556
42	.520700	.370446	1.008205	1.000000	1.024563	2.752556
43	.546100	.370446	1.008205	1.000000	1.024563	2.752556

ID NO. 11315-022

STATION X= 4.23 CM PTO= 23.674 N/SQ CM TTO=302.56K
R= 2.576 CM PWALL= 1.2062 N/SQ CM CF= .00063 PI =4.728
UE= 584.7 M/SEC RHOE=.00987 KG/CUB M RE= 20.320E6 /M
DELTA= .323 CM DELTA*= .1527 CM THETA= .0273 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.050949	.000000	1.000000	.437218	.000000
2	.012700	.066562	.361466	1.000000	.471919	.629951
3	.025400	.067670	.372027	1.000000	.474150	.649868
4	.038100	.069517	.386535	1.000000	.477611	.681342
5	.050800	.072545	.413097	1.000000	.483668	.728840
6	.063500	.077642	.448898	1.000000	.493143	.799724
7	.076200	.084364	.488305	1.000000	.504981	.880309
8	.088900	.094409	.535824	1.000000	.521477	.981626
9	.101600	.106228	.578488	1.000000	.538667	1.077113
10	.114300	.119893	.621009	1.000000	.558415	1.177289
11	.127000	.136070	.663450	1.000000	.581188	1.283136
12	.139700	.152985	.701362	1.000000	.604591	1.383502
13	.152400	.170713	.735960	1.000000	.628931	1.480682
14	.165100	.190066	.768803	1.000000	.655143	1.578664
15	.177800	.210453	.799254	1.000000	.682629	1.675266
16	.190500	.229584	.824926	1.000000	.708589	1.761645
17	.203200	.250414	.849779	1.000000	.735551	1.850179
18	.215900	.273756	.874692	1.000000	.767826	1.944434
19	.228600	.298870	.898614	1.000000	.801426	2.040851
20	.241300	.321768	.918408	1.000000	.832307	2.125611
21	.254000	.343854	.935649	1.000000	.861821	2.203576
22	.266700	.371554	.955269	1.000000	.898812	2.297557
23	.279400	.396151	.971080	1.000000	.931640	2.377855
24	.292100	.419641	.984952	1.000000	.962976	2.452051
25	.304800	.437664	.994876	1.000000	.987013	2.507475
26	.317500	.446897	.999737	1.000000	.999324	2.535394
27	.330200	.445420	.998969	1.000000	.997355	2.530948
28	.342900	.436113	.994045	1.000000	.984944	2.502754
29	.355600	.420749	.985580	1.000000	.964454	2.455494
30	.368300	.403833	.975741	1.000000	.941890	2.402376
31	.381000	.389060	.966664	1.000000	.922178	2.354991
32	.393700	.381083	.961561	1.000000	.911531	2.328997
33	.406400	.375912	.958174	1.000000	.904630	2.311991
34	.419100	.373991	.956899	1.000000	.902066	2.305642
35	.431800	.372883	.956160	1.000000	.900587	2.301971
36	.444500	.372440	.955863	1.000000	.899995	2.300500
37	.457200	.371406	.955169	1.000000	.898615	2.297067
38	.469900	.371406	.955169	1.000000	.898615	2.297067
39	.482600	.371406	.955169	1.000000	.898615	2.297067
40	.495300	.371406	.955169	1.000000	.898615	2.297067
41	.508000	.371406	.955169	1.000000	.898615	2.297067
42	.520700	.371406	.955169	1.000000	.898615	2.297067
43	.546100	.439363	.995781	1.000000	.989278	2.512636

STATION X= 4.49 CM PTO= 23.674 N/SQ CM TTO=302.56K
R= 2.576 CM PWALL= 1.5847 N/SQ CM CF= .00019 PI =*.104
UE= 564.0 M/SEC RHOE=.01190 KG/CUB M RE= 21.804E6 /M
DELTA= .384 CM DELTA*= .2080 CM THETA= .0334 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.066937	.000000	1.000000	.476307	.000000
2	.012700	.069295	.137084	1.000000	.481041	.222925
3	.025400	.069812	.151009	1.000000	.482064	.245830
4	.038100	.070772	.173648	1.000000	.483949	.283237
5	.050800	.072545	.208306	1.000000	.487382	.340970
6	.063500	.074466	.239314	1.000000	.491034	.393191
7	.076200	.077716	.282385	1.000000	.497064	.466798
8	.088900	.082612	.335634	1.000000	.506168	.559878
9	.101600	.088574	.383212	1.000000	.515989	.645415
10	.114300	.095222	.427697	1.000000	.526770	.727824
11	.127000	.102830	.469501	1.000000	.538467	.807785
12	.139700	.112359	.512505	1.000000	.552275	.893009
13	.152400	.123586	.553960	1.000000	.567510	.978465
14	.165100	.135553	.588780	1.000000	.581958	1.053123
15	.177800	.150473	.627482	1.000000	.600031	1.139640
16	.190500	.165468	.661118	1.000000	.617693	1.218275
17	.203200	.183344	.696565	1.000000	.638565	1.305102
18	.215900	.201610	.728396	1.000000	.659569	1.387003
19	.228600	.220424	.757351	1.000000	.680809	1.465176
20	.241300	.241624	.786625	1.000000	.704648	1.548224
21	.254000	.263898	.814141	1.000000	.729544	1.630441
22	.266700	.287347	.840520	1.000000	.756013	1.713533
23	.279400	.308546	.861938	1.000000	.779643	1.784447
24	.292100	.336246	.887296	1.000000	.810459	1.872897
25	.304800	.360696	.907567	1.000000	.837617	1.947519
26	.317500	.384111	.925389	1.000000	.863597	2.016321
27	.330200	.410407	.943786	1.000000	.892746	2.090824
28	.342900	.434118	.959262	1.000000	.919324	2.156511
29	.355600	.458568	.973909	1.000000	.946410	2.221458
30	.368300	.481319	.986619	1.000000	.971602	2.280204
31	.381000	.501705	.997329	1.000000	.994168	2.331569
32	.393700	.518030	1.005481	1.000000	1.012232	2.371885
33	.406400	.532212	1.012278	1.000000	1.027923	2.406356
34	.419100	.574463	1.031106	1.000000	1.074651	2.506207
35	.431800	.650841	1.060577	1.000000	1.159073	2.677179
36	.444500	.671745	1.067897	1.000000	1.182555	2.722827
37	.457200	.666722	1.066197	1.000000	1.177002	2.712102
38	.469900	.651358	1.060759	1.000000	1.159644	2.678299
39	.482600	.621664	1.049938	1.000000	1.126829	2.613199
40	.495300	.583697	1.034961	1.000000	1.084859	2.527496
41	.508000	.548758	1.019894	1.000000	1.046224	2.445950
42	.520700	.522092	1.007454	1.000000	1.016727	2.381811
43	.546100	.505399	.999205	1.000000	.998256	2.340752

ID NO. 11315-024

STATION X= 4.75 CM PTO= 23.674 N/SQ CM TTO=302.56K
R= 2.576 CM PWALL= 1.7457 N/SQ CM CF= .00004 PI =*.380
UE= 441.5 M/SEC RHOE=.00920 KG/CUB M RE= 9.618E6 /M
DELTA= .292 CM DELTA*= .1817 CM THETA= .0287 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.073740	.000000	1.000000	.679027	.000000
2	.012700	.070698	.000000	1.000000	.679027	.000000
3	.025400	.071068	.000000	1.000000	.679027	.000000
4	.038100	.071437	.000000	1.000000	.679027	.000000
5	.050800	.072102	.000000	1.000000	.679027	.000000
6	.063500	.073579	.000000	1.000000	.679027	.000000
7	.076200	.075721	.153333	1.000000	.684190	.194984
8	.088900	.077716	.215390	1.000000	.689291	.274918
9	.101600	.080079	.269358	1.000000	.695217	.345276
10	.114300	.084290	.341731	1.000000	.705471	.441265
11	.127000	.088426	.396923	1.000000	.715194	.516052
12	.139700	.093006	.447120	1.000000	.725586	.585523
13	.152400	.098989	.501391	1.000000	.738627	.662467
14	.165100	.105341	.549401	1.000000	.751871	.732380
15	.177800	.111694	.590358	1.000000	.764555	.793589
16	.190500	.122848	.650198	1.000000	.785633	.885995
17	.203200	.132376	.692549	1.000000	.802582	.953828
18	.215900	.145229	.743086	1.000000	.825298	1.037815
19	.228600	.159485	.783368	1.000000	.845581	1.107437
20	.241300	.173298	.821725	1.000000	.866915	1.176225
21	.254000	.193094	.869994	1.000000	.896928	1.266691
22	.266700	.210748	.907869	1.000000	.923287	1.341118
23	.279400	.234681	.953306	1.000000	.958669	1.434967
24	.292100	.263045	1.000000	1.000000	1.000000	1.537360
25	.304800	.293921	1.044317	1.000000	1.044741	1.641013
26	.317500	.332553	1.092630	1.000000	1.100870	1.762449
27	.330200	.375321	1.138261	1.000000	1.162449	1.886707
28	.342900	.415578	1.175540	1.000000	1.220286	1.996383
29	.355600	.459750	1.211619	1.000000	1.284078	2.110752
30	.368300	.500080	1.240575	1.000000	1.341913	2.209331
31	.381000	.542036	1.267527	1.000000	1.402031	2.307340
32	.393700	.579486	1.289270	1.000000	1.455660	2.391384
33	.406400	.613243	1.307252	1.000000	1.503980	2.464653
34	.419100	.643823	1.322376	1.000000	1.547739	2.529176
35	.431800	.663546	1.331596	1.000000	1.575953	2.569921
36	.444500	.677211	1.337757	1.000000	1.595501	2.597774
37	.457200	.685114	1.341240	1.000000	1.606805	2.613746
38	.469900	.690507	1.343582	1.000000	1.614518	2.624587
39	.482600	.694495	1.345298	1.000000	1.620222	2.632578
40	.495300	.697228	1.346465	1.000000	1.624131	2.638038
41	.508000	.699518	1.347438	1.000000	1.627406	2.642605
42	.520700	.700478	1.347845	1.000000	1.628779	2.644518
43	.546100	.702842	1.348842	1.000000	1.632159	2.649220

ID NO. 11315-026

STATION X= 5.24 CM PTO= 23.674 N/SQ CM TTO=302.56K
R= 2.576 CM PWALL= 1.9683 N/SQ CM CF= .00000 PI =*.921
UE= 545.7 M/SEC RHOE=.01381 KG/CUB M RE= 22.991E6 /M
DELTA= .403 CM DELTA*= .2404 CM THETA= .0290 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.083143	.000000	1.000000	.509785	.000000
2	.012700	.079193	.000000	1.000000	.509785	.000000
3	.025400	.079636	.000000	1.000000	.509785	.000000
4	.038100	.080523	.000000	1.000000	.509785	.000000
5	.050800	.081335	.000000	1.000000	.509785	.000000
6	.063500	.082148	.000000	1.000000	.509785	.000000
7	.076200	.083846	.070053	1.000000	.511014	.109807
8	.088900	.085989	.139723	1.000000	.514711	.219804
9	.101600	.088796	.194884	1.000000	.519456	.307990
10	.114300	.091750	.237940	1.000000	.524337	.377796
11	.127000	.095960	.286143	1.000000	.531102	.457253
12	.139700	.100983	.331983	1.000000	.538900	.534387
13	.152400	.106449	.372906	1.000000	.547078	.604796
14	.165100	.114353	.421380	1.000000	.558389	.690442
15	.177800	.123512	.467025	1.000000	.570818	.773702
16	.190500	.133410	.507739	1.000000	.583530	.850467
17	.203200	.146411	.551835	1.000000	.599240	.936688
18	.215900	.162587	.598297	1.000000	.618279	1.031559
19	.228600	.182162	.638911	1.000000	.637318	1.118416
20	.241300	.203878	.680460	1.000000	.659473	1.211675
21	.254000	.229805	.723099	1.000000	.685489	1.312752
22	.266700	.258244	.762919	1.000000	.713313	1.412875
23	.279400	.290892	.802819	1.000000	.745248	1.519683
24	.292100	.322729	.836546	1.000000	.775996	1.615863
25	.304800	.357963	.869667	1.000000	.810160	1.716420
26	.317500	.392384	.898127	1.000000	.843209	1.808382
27	.330200	.425402	.922622	1.000000	.874847	1.892234
28	.342900	.458937	.945137	1.000000	.906932	1.973636
29	.355600	.490626	.964539	1.000000	.937215	2.047503
30	.368300	.512047	.976931	1.000000	.957988	2.096664
31	.381000	.532803	.988132	1.000000	.977814	2.142537
32	.393700	.547798	.995868	1.000000	.992132	2.175062
33	.406400	.558065	1.001003	1.000000	1.001934	2.197050
34	.419100	.564639	1.004225	1.000000	1.008209	2.211012
35	.431800	.570844	1.007219	1.000000	1.014130	2.224107
36	.444500	.576162	1.009750	1.000000	1.019206	2.235270
37	.457200	.582367	1.012664	1.000000	1.025126	2.248222
38	.469900	.589827	1.016112	1.000000	1.032244	2.263695
39	.482600	.598470	1.020033	1.000000	1.040489	2.281486
40	.495300	.606669	1.023681	1.000000	1.048310	2.298236
41	.508000	.614942	1.027295	1.000000	1.056200	2.315012
42	.520700	.623953	1.031155	1.000000	1.064795	2.333146
43	.533400	.642494	1.038860	1.000000	1.082473	2.370013

ID NO. 11315-027

STATION X= 5.62 CM PTO= 23.674 N/SQ CM TTO=302.56K
R= 2.576 CM PWALL= 2.1523 N/SQ CM CF= .00002 PI= *.677
UE= 540.3 M/SEC RHOE=.01482 KG/CUB M RE= 24.010E6 /M
DELTA= .370 CM DELTA*= .2150 CM THETA= .0290 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.090913	.000000	1.000000	.519458	.000000
2	.012700	.087318	.000000	1.000000	.519458	.000000
3	.025400	.088426	.000000	1.000000	.519458	.000000
4	.038100	.089608	.000000	1.000000	.519458	.000000
5	.050800	.091085	.033543	1.000000	.519739	.052008
6	.063500	.093301	.123936	1.000000	.523320	.192823
7	.076200	.095887	.177280	1.000000	.527423	.276895
8	.088900	.099137	.225511	1.000000	.532470	.353909
9	.101600	.102682	.266712	1.000000	.537843	.420675
10	.114300	.108001	.316109	1.000000	.545659	.502197
11	.127000	.114058	.361346	1.000000	.554233	.578556
12	.139700	.122035	.409736	1.000000	.565042	.662400
13	.152400	.131416	.456003	1.000000	.577126	.745039
14	.165100	.142274	.499946	1.000000	.590366	.826152
15	.177800	.156752	.547676	1.000000	.606941	.917640
16	.190500	.173520	.594552	1.000000	.625753	1.011503
17	.203200	.192946	.633041	1.000000	.643349	1.092022
18	.215900	.214811	.673880	1.000000	.664456	1.181385
19	.228600	.242067	.716911	1.000000	.689832	1.280597
20	.241300	.272204	.758024	1.000000	.717601	1.381021
21	.254000	.305739	.797677	1.000000	.748243	1.483966
22	.266700	.341047	.833813	1.000000	.780076	1.583846
23	.279400	.378867	.868018	1.000000	.814283	1.684582
24	.292100	.416760	.898088	1.000000	.848215	1.778885
25	.304800	.454875	.925068	1.000000	.882268	1.868743
26	.317500	.492325	.948918	1.000000	.915670	1.952873
27	.330200	.523570	.967095	1.000000	.943505	2.020306
28	.342900	.550014	.981408	1.000000	.967044	2.075624
29	.355600	.570475	.992059	1.000000	.985577	2.118159
30	.368300	.585174	.999274	1.000000	.998660	2.147679
31	.381000	.594703	1.003824	1.000000	1.007139	2.166596
32	.393700	.600981	1.006768	1.000000	1.012725	2.178969
33	.406400	.605413	1.008822	1.000000	1.016668	2.187660
34	.419100	.607334	1.009706	1.000000	1.018376	2.191416
35	.431800	.609033	1.010484	1.000000	1.019887	2.194732
36	.444500	.609771	1.010822	1.000000	1.020544	2.196172
37	.457200	.609919	1.010889	1.000000	1.020676	2.196460
38	.469900	.610141	1.010991	1.000000	1.020873	2.196892
39	.482600	.608885	1.010417	1.000000	1.019756	2.194444
40	.495300	.607038	1.009570	1.000000	1.018113	2.190838
41	.508000	.605709	1.008958	1.000000	1.016930	2.188238
42	.520700	.603049	1.007729	1.000000	1.014565	2.183029
43	.546100	.598839	1.005768	1.000000	1.010819	2.174756

ID NO. 11315-028

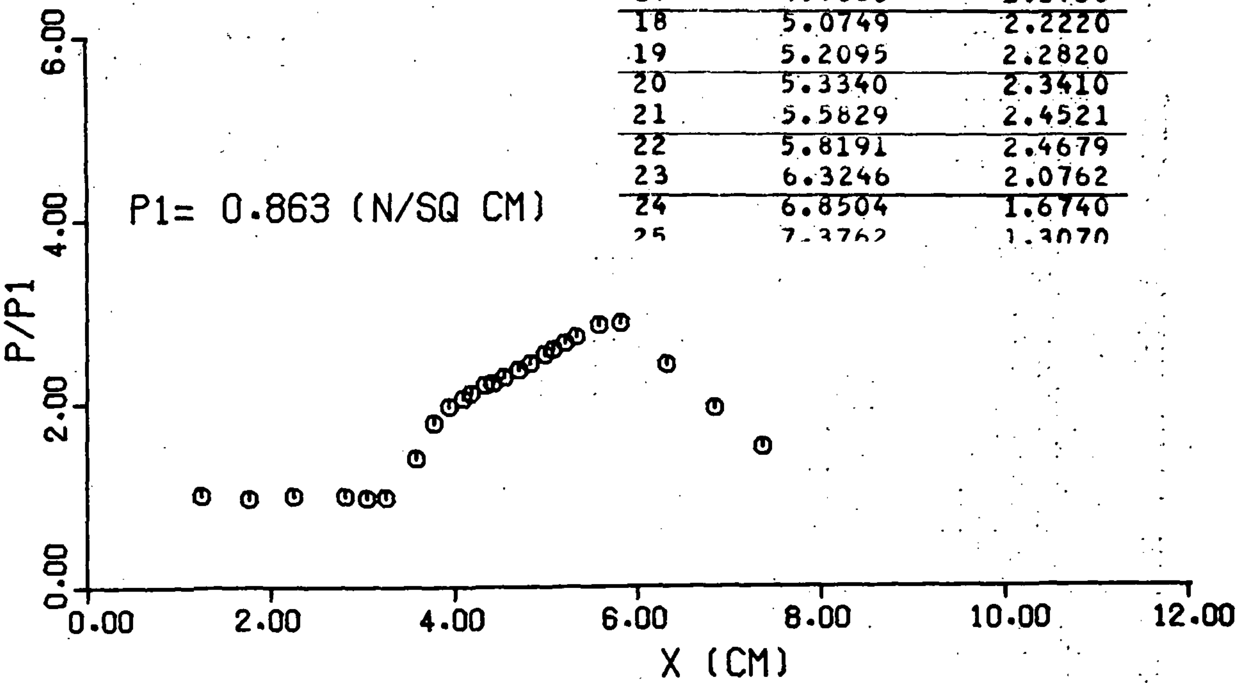
STATION X= 7.15 CM PTO= 23.674 N/SQ CM TTO=302.56K
R= 2.576 CM PWALL= 2.4224 N/SQ CM CF= .00142 PI =2.121
UE= 500.3 M/SEC RHOE=.01474 KG/CUB M RE= 19.790E6 /M
DELTA= .346 CM DELTA*= .1102 CM THETA= .0322 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.102323	.000000	1.000000	.587869	.000000
2	.012700	.149735	.500095	1.000000	.655425	.758013
3	.025400	.164360	.554328	1.000000	.673112	.851476
4	.038100	.172781	.580789	1.000000	.682790	.898513
5	.050800	.179946	.601189	1.000000	.690763	.935487
6	.063500	.188219	.622719	1.000000	.699691	.975231
7	.076200	.197600	.647023	1.000000	.710445	1.021050
8	.088900	.208089	.665500	1.000000	.719132	1.056609
9	.101600	.219316	.687801	1.000000	.730242	1.100420
10	.114300	.232169	.710984	1.000000	.742570	1.147072
11	.127000	.246868	.735815	1.000000	.756722	1.198391
12	.139700	.263414	.761253	1.000000	.772325	1.252538
13	.152400	.279443	.784091	1.000000	.787371	1.302622
14	.165100	.297097	.807104	1.000000	.803615	1.354613
15	.177800	.316598	.830645	1.000000	.821457	1.409515
16	.190500	.336246	.852966	1.000000	.839629	1.463314
17	.203200	.359883	.877454	1.000000	.861107	1.524455
18	.215900	.380787	.897532	1.000000	.880040	1.576388
19	.228600	.403686	.918037	1.000000	.900729	1.631244
20	.241300	.424885	.936056	1.000000	.920141	1.681091
21	.254000	.446823	.953313	1.000000	.939909	1.730377
22	.266700	.463074	.965432	1.000000	.954535	1.765954
23	.279400	.480580	.977906	1.000000	.970275	1.803461
24	.292100	.491807	.985611	1.000000	.980363	1.827094
25	.304800	.502444	.992708	1.000000	.989915	1.849193
26	.317500	.508353	.996569	1.000000	.995220	1.861353
27	.330200	.512194	.999048	1.000000	.998668	1.869213
28	.342900	.513598	.999948	1.000000	.999927	1.872077
29	.355600	.513598	.999948	1.000000	.999927	1.872077
30	.368300	.512933	.999522	1.000000	.999331	1.870721
31	.381000	.511234	.998430	1.000000	.997806	1.867252
32	.393700	.509388	.997239	1.000000	.996148	1.863473
33	.406400	.506433	.995320	1.000000	.993496	1.857411
34	.419100	.502223	.992562	1.000000	.989716	1.848736
35	.431800	.498603	.990167	1.000000	.986466	1.841245
36	.444500	.494688	.987552	1.000000	.982950	1.833106
37	.457200	.490699	.984860	1.000000	.979368	1.824776
38	.469900	.485750	.981482	1.000000	.974921	1.814384
39	.482600	.481319	.978420	1.000000	.970939	1.805026
40	.495300	.477330	.975634	1.000000	.967354	1.796559
41	.508000	.472602	.972294	1.000000	.963104	1.786471
42	.520700	.468170	.969124	1.000000	.959119	1.776959
43	.546100	.456056	.960265	1.000000	.948221	1.750684

ID NO. 11316-001

PTO= 23.6728 N/SQ CM
TTO= 300.4444 K
PBAR= 766.4000 MMHG
TMAN= 296.3889 K

I	X(CM)	P(N/SQ CM)
1	1.2446	.8629
2	1.7678	.8334
3	2.2555	.8561
4	2.8143	.8564
5	3.0505	.8369
6	3.2614	.8427
7	3.5865	1.2100
8	3.7795	1.5433
9	3.9497	1.6963
10	4.0945	1.7690
11	4.1859	1.8184
12	4.3358	1.8959
13	4.4221	1.9127
14	4.5466	1.9658
15	4.7092	2.0341
16	4.8336	2.0934
17	4.9860	2.1730
18	5.0749	2.2220
19	5.2095	2.2820
20	5.3340	2.3410
21	5.5829	2.4521
22	5.8191	2.4679
23	6.3246	2.0762
24	6.8504	1.6740
25	7.3762	1.3070



ID NO. 11316 -001

STATION X= 3.05 CM PTO= 23.672 N/SQ CM TTO=301.44K
R= 2.588 CM PWALL= .8369 N/SQ CM CF= .00208 PI[illegible]= .458
UE= 609.9 M/SEC RHOE=.00780 KG/CUB M RE= 19.010E6 /M
DELTA= .360 CM DELTA*= .0929 CM THETA= .0181 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.035353	.000000	1.000000	.385264	.000000
2	.012700	.110151	.682227	1.000000	.539675	1.415614
3	.025400	.131131	.733943	1.000000	.576002	1.573346
4	.038100	.145167	.763058	1.000000	.600039	1.669542
5	.050800	.157652	.786406	1.000000	.621568	1.751220
6	.063500	.168585	.804861	1.000000	.640215	1.819003
7	.076200	.178927	.820982	1.000000	.657828	1.880787
8	.088900	.190230	.837296	1.000000	.677054	1.945991
9	.101600	.202198	.853263	1.000000	.697391	2.012662
10	.114300	.213722	.867516	1.000000	.716957	2.074788
11	.127000	.226280	.882099	1.000000	.738515	2.141149
12	.139700	.238248	.894880	1.000000	.758823	2.201836
13	.152400	.250067	.906680	1.000000	.778870	2.260146
14	.165100	.262035	.917877	1.000000	.799160	2.317667
15	.177800	.273190	.927696	1.000000	.818065	2.370007
16	.190500	.285453	.937868	1.000000	.838842	2.426227
17	.203200	.297642	.947387	1.000000	.859488	2.480831
18	.215900	.309757	.956317	1.000000	.880004	2.533926
19	.228600	.322020	.964861	1.000000	.900765	2.586547
20	.241300	.332067	.971519	1.000000	.917771	2.628865
21	.254000	.341006	.977201	1.000000	.932900	2.665947
22	.266700	.350609	.983178	1.000000	.949459	2.705951
23	.279400	.358661	.987918	1.000000	.963092	2.738450
24	.292100	.367083	.992711	1.000000	.977349	2.772028
25	.304800	.371515	.995169	1.000000	.984853	2.789538
26	.317500	.375652	.997424	1.000000	.991855	2.805781
27	.330200	.377573	.998458	1.000000	.995107	2.813290
28	.342900	.379568	.999524	1.000000	.998483	2.821066
29	.355600	.380306	.999916	1.000000	.999733	2.823941
30	.368300	.380676	1.000112	1.000000	1.000359	2.825378
31	.381000	.381045	1.000308	1.000000	1.000984	2.826813
32	.393700	.381414	1.000503	1.000000	1.001609	2.828248
33	.406400	.381562	1.000581	1.000000	1.001859	2.828822
34	.419100	.381562	1.000581	1.000000	1.001859	2.828822
35	.431800	.381636	1.000620	1.000000	1.001984	2.829108
36	.444500	.381784	1.000698	1.000000	1.002234	2.829682
37	.457200	.381932	1.000776	1.000000	1.002484	2.830255
38	.469900	.381932	1.000776	1.000000	1.002484	2.830255
39	.482600	.381932	1.000776	1.000000	1.002484	2.830255
40	.495300	.381932	1.000776	1.000000	1.002484	2.830255
41	.508000	.381932	1.000776	1.000000	1.002484	2.830255
42	.520700	.381932	1.000776	1.000000	1.002484	2.830255
43	.533400	.382153	1.000893	1.000000	1.002859	2.831115

STATION X= 3.25 CM PTO= 23.672 N/SQ CM TTO=301.44K
R= 2.588 CM PWALL= .8427 N/SQ CM CF= .00211 PI = .426
UE= 609.4 M/SEC RHOE=.00783 KG/CUB M RE= 19.024E6 /M
DELTA= .366 CM DELTA*= .0924 CM THETA= .0181 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.035599	.000000	1.000000	.386301	.000000
2	.012700	.116357	.697395	1.000000	.550661	1.458549
3	.025400	.134456	.739796	1.000000	.581669	1.590194
4	.038100	.148861	.769063	1.000000	.606416	1.687902
5	.050800	.159942	.789145	1.000000	.625265	1.758690
6	.063500	.171023	.807563	1.000000	.644080	1.826614
7	.076200	.180183	.821689	1.000000	.659613	1.880842
8	.088900	.190969	.837192	1.000000	.677883	1.942686
9	.101600	.202050	.851989	1.000000	.696634	2.004180
10	.114300	.213870	.866651	1.000000	.716619	2.067706
11	.127000	.226354	.881186	1.000000	.737962	2.133459
12	.139700	.238469	.894155	1.000000	.758434	2.194683
13	.152400	.251249	.906907	1.000000	.780020	2.257436
14	.165100	.263808	.918604	1.000000	.801221	2.317420
15	.177800	.275332	.928683	1.000000	.820669	2.371109
16	.190500	.287891	.939018	1.000000	.841856	2.428248
17	.203200	.299489	.948016	1.000000	.861418	2.479834
18	.215900	.311678	.956955	1.000000	.881971	2.532904
19	.228600	.323793	.965358	1.000000	.902395	2.584562
20	.241300	.334062	.972133	1.000000	.919703	2.627543
21	.254000	.342705	.977606	1.000000	.934269	2.663178
22	.266700	.352234	.983521	1.000000	.950635	2.702654
23	.279400	.359326	.987693	1.000000	.962591	2.731134
24	.292100	.366196	.991621	1.000000	.974173	2.758442
25	.304800	.370703	.994139	1.000000	.981769	2.776207
26	.317500	.374323	.996128	1.000000	.987871	2.790394
27	.330200	.377130	.997652	1.000000	.992603	2.801347
28	.342900	.379494	.998922	1.000000	.996587	2.810537
29	.355600	.380528	.999474	1.000000	.998331	2.814548
30	.368300	.381710	1.000102	1.000000	1.000323	2.819125
31	.381000	.382375	1.000454	1.000000	1.001443	2.821696
32	.393700	.382670	1.000610	1.000000	1.001942	2.822839
33	.406400	.382818	1.000688	1.000000	1.002191	2.823409
34	.419100	.383040	1.000805	1.000000	1.002564	2.824265
35	.431800	.383114	1.000844	1.000000	1.002689	2.824551
36	.444500	.383114	1.000844	1.000000	1.002689	2.824551
37	.457200	.383040	1.000805	1.000000	1.002564	2.824265
38	.469900	.383040	1.000805	1.000000	1.002564	2.824265
39	.482600	.382966	1.000766	1.000000	1.002440	2.823980
40	.495300	.382818	1.000688	1.000000	1.002191	2.823409
41	.508000	.382596	1.000571	1.000000	1.001817	2.822553
42	.520700	.382301	1.000414	1.000000	1.001319	2.821411
43	.533400	.382301	1.000414	1.000000	1.001319	2.821411

STATION X= 3.58 CM PTO= 23.672 N/SQ CM TTO=301.44K
R= 2.588 CM PWALL= 1.2100 N/SQ CM CF= .00207 PI[illegible]= .853
UE= 558.4 M/SEC RHOE=.00896 KG/CUB M RE= 16.039E6 /M
DELTA= .331 CM DELTA*= .0903 CM THETA= .0224 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.051115	.000000	1.000000	.484847	.000000
2	.012700	.099292	.581086	1.000000	.586944	1.026100
3	.025400	.117834	.641873	1.000000	.615478	1.160663
4	.038100	.138666	.698751	1.000000	.647780	1.296244
5	.050800	.154992	.736304	1.000000	.672733	1.391968
6	.063500	.169693	.766238	1.000000	.695079	1.472419
7	.076200	.183360	.791129	1.000000	.715564	1.542491
8	.088900	.195032	.810662	1.000000	.733001	1.599716
9	.101600	.205522	.827036	1.000000	.748635	1.649339
10	.114300	.217046	.844120	1.000000	.766032	1.702857
11	.127000	.227684	.858716	1.000000	.781848	1.750094
12	.139700	.238469	.872672	1.000000	.797864	1.796661
13	.152400	.249476	.886122	1.000000	.814190	1.842922
14	.165100	.259893	.898175	1.000000	.829626	1.885615
15	.177800	.270974	.910341	1.000000	.846034	1.929962
16	.190500	.282646	.922483	1.000000	.863305	1.975565
17	.203200	.293431	.933140	1.000000	.879254	2.016762
18	.215900	.304882	.943909	1.000000	.896177	2.059574
19	.228600	.317662	.955496	1.000000	.915359	2.107050
20	.241300	.327265	.963675	1.000000	.929550	2.141496
21	.254000	.337977	.972428	1.000000	.945373	2.179261
22	.266700	.347580	.979964	1.000000	.959554	2.212562
23	.279400	.356593	.986785	1.000000	.972860	2.243355
24	.292100	.363611	.991936	1.000000	.983219	2.267039
25	.304800	.367305	.994592	1.000000	.988670	2.279404
26	.317500	.371515	.997577	1.000000	.994884	2.293418
27	.330200	.374766	.999849	1.000000	.999680	2.304176
28	.342900	.376908	1.001332	1.000000	1.002841	2.311239
29	.355600	.379124	1.002854	1.000000	1.006111	2.318522
30	.368300	.380232	1.003610	1.000000	1.007746	2.322155
31	.381000	.380676	1.003912	1.000000	1.008400	2.323607
32	.393700	.381119	1.004213	1.000000	1.009054	2.325058
33	.406400	.381858	1.004714	1.000000	1.010143	2.327473
34	.419100	.382301	1.005014	1.000000	1.010797	2.328921
35	.431800	.382670	1.005264	1.000000	1.011342	2.330128
36	.444500	.383040	1.005513	1.000000	1.011887	2.331333
37	.457200	.383187	1.005613	1.000000	1.012105	2.331815
38	.469900	.383335	1.005712	1.000000	1.012323	2.332297
39	.482600	.383335	1.005712	1.000000	1.012323	2.332297
40	.495300	.383335	1.005712	1.000000	1.012323	2.332297
41	.508000	.383335	1.005712	1.000000	1.012323	2.332297
42	.520700	.383114	1.005563	1.000000	1.011996	2.331574
43	.533400	.382892	1.005413	1.000000	1.011669	2.330851

STATION X= 3.78 CM PTO= 23.672 N/SQ CM TTO=301.44K
R= 2.588 CM PWALL= 1.5433 N/SQ CM CF= .00171 PI =1.564
UE= 521.8 M/SEC RHOE=.01007 KG/CUB M RE= 15.008E6 /M
DELTA= .343 CM DELTA*= .0923 CM THETA= .0236 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.065196	.000000	1.000000	.550159	.000000
2	.012700	.080454	.360041	1.000000	.584227	.556434
3	.025400	.088876	.433974	1.000000	.601082	.680301
4	.038100	.103577	.524787	1.000000	.627954	.840848
5	.050800	.118351	.590091	1.000000	.652340	.963666
6	.063500	.137928	.653112	1.000000	.680790	1.089596
7	.076200	.161567	.714250	1.000000	.714017	1.220324
8	.088900	.179518	.753479	1.000000	.738853	1.309546
9	.101600	.194810	.782747	1.000000	.759483	1.379275
10	.114300	.217415	.821534	1.000000	.790010	1.476428
11	.127000	.235293	.848677	1.000000	.813843	1.548045
12	.139700	.255386	.876335	1.000000	.840529	1.624490
13	.152400	.273707	.899581	1.000000	.865073	1.691754
14	.165100	.289442	.917860	1.000000	.885890	1.746775
15	.177800	.303626	.933307	1.000000	.904628	1.794859
16	.190500	.316849	.946915	1.000000	.922078	1.838508
17	.203200	.324901	.954855	1.000000	.932697	1.864568
18	.215900	.333397	.962966	1.000000	.943894	1.891660
19	.228600	.338568	.967775	1.000000	.950706	1.907955
20	.241300	.344330	.973024	1.000000	.958296	1.925946
21	.254000	.348688	.976920	1.000000	.964035	1.939439
22	.266700	.353638	.981270	1.000000	.970551	1.954647
23	.279400	.358514	.985478	1.000000	.976968	1.969508
24	.292100	.363685	.989862	1.000000	.983772	1.985146
25	.304800	.367674	.993188	1.000000	.989020	1.997123
26	.317500	.371515	.996348	1.000000	.994073	2.008588
27	.330200	.373805	.998211	1.000000	.997085	2.015390
28	.342900	.376022	1.000000	1.000000	1.000000	2.021951
29	.355600	.377721	1.001362	1.000000	1.002234	2.026967
30	.368300	.379124	1.002482	1.000000	1.004080	2.031100
31	.381000	.380085	1.003244	1.000000	1.005343	2.033923
32	.393700	.380823	1.003830	1.000000	1.006314	2.036092
33	.406400	.381341	1.004238	1.000000	1.006994	2.037609
34	.419100	.381414	1.004296	1.000000	1.007091	2.037826
35	.431800	.381414	1.004296	1.000000	1.007091	2.037826
36	.444500	.381414	1.004296	1.000000	1.007091	2.037826
37	.457200	.381414	1.004296	1.000000	1.007091	2.037826
38	.469900	.381414	1.004296	1.000000	1.007091	2.037826
39	.482600	.381414	1.004296	1.000000	1.007091	2.037826
40	.495300	.381414	1.004296	1.000000	1.007091	2.037826
41	.508000	.381784	1.004588	1.000000	1.007577	2.038908
42	.520700	.382005	1.004762	1.000000	1.007868	2.039558
43	.533400	.382079	1.004821	1.000000	1.007965	2.039774

STATION X= 4.09 CM PTO= 23.672 N/SQ CM TTO=301.44K
R= 2.588 CM PWALL= 1.7690 N/SQ CM CF= .00038 PI[illegible]=7.929
UE= 534.5 M/SEC RHOE=.01203 KG/CUB M RE= 19.071E6 /M
DELTA= .291 CM DELTA*= .1450 CM THETA= .0286 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.074729	.000000	1.000000	.527839	.000000
2	.012700	.078903	.180654	1.000000	.536100	.279737
3	.025400	.081119	.221528	1.000000	.540360	.344389
4	.038100	.084813	.274278	1.000000	.547279	.429115
5	.050800	.089319	.324376	1.000000	.555434	.511262
6	.063500	.095155	.375885	1.000000	.565569	.597829
7	.076200	.104685	.440981	1.000000	.581205	.710990
8	.088900	.115470	.497600	1.000000	.597719	.813595
9	.101600	.126994	.545671	1.000000	.614188	.904400
10	.114300	.143985	.603678	1.000000	.637539	1.019383
11	.127000	.160385	.643080	1.000000	.655915	1.101458
12	.139700	.181735	.690344	1.000000	.681101	1.204898
13	.152400	.200055	.725170	1.000000	.702190	1.285126
14	.165100	.221626	.761425	1.000000	.726795	1.372814
15	.177800	.242459	.792574	1.000000	.750410	1.452004
16	.190500	.263882	.821114	1.000000	.774349	1.528096
17	.203200	.289368	.851599	1.000000	.802701	1.613582
18	.215900	.312491	.876792	1.000000	.828608	1.687914
19	.228600	.336721	.900598	1.000000	.855436	1.761586
20	.241300	.361025	.922421	1.000000	.882295	1.832379
21	.254000	.393677	.948981	1.000000	.918318	1.923238
22	.266700	.417539	.966667	1.000000	.944609	1.986927
23	.279400	.444207	.984945	1.000000	.973965	2.055713
24	.292100	.470210	1.001616	1.000000	1.002902	2.121336
25	.304800	.493480	1.015371	1.000000	1.028501	2.177741
26	.317500	.504044	1.021332	1.000000	1.040118	2.202862
27	.330200	.511653	1.025522	1.000000	1.048484	2.220776
28	.342900	.508033	1.023539	1.000000	1.044504	2.212272
29	.355600	.495697	1.016636	1.000000	1.030938	2.183036
30	.368300	.478780	1.006785	1.000000	1.012330	2.142283
31	.381000	.451151	.989470	1.000000	.981605	2.073240
32	.393700	.423079	.970588	1.000000	.950710	2.001418
33	.406400	.404315	.957032	1.000000	.930042	1.951896
34	.419100	.391313	.947154	1.000000	.915712	1.916809
35	.431800	.386659	.943515	1.000000	.910581	1.904088
36	.444500	.384813	.942055	1.000000	.908544	1.899015
37	.457200	.383483	.940999	1.000000	.907078	1.895354
38	.469900	.383926	.941351	1.000000	.907567	1.896575
39	.482600	.428546	.974391	1.000000	.956728	2.015610
40	.495300	.509585	1.024391	1.000000	1.046210	2.215921
41	.508000	.515125	1.027406	1.000000	1.052301	2.228902
42	.520700	.517563	1.028718	1.000000	1.054981	2.234590
43	.533400	.518819	1.029391	1.000000	1.056362	2.237514

STATION X= 4.34 CM PTO= 23.672 N/SQ CM TTO=301.44K
R= 2.588 CM PWALL= 1.8959 N/SQ CM CF= .00014 PI =*.282
UE= 583.5 M/SEC RHOE=.01557 KG/CUB M RE= 32.088E6 /M
DELTA= .427 CM DELTA*= .2406 CM THETA= .0341 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.080089	.000000	1.000000	.437350	.000000
2	.012700	.081119	.080484	1.000000	.438950	.135241
3	.025400	.081784	.102970	1.000000	.439975	.173227
4	.038100	.082966	.133533	1.000000	.441783	.225103
5	.050800	.084960	.172433	1.000000	.444792	.291667
6	.063500	.087546	.211277	1.000000	.448618	.358904
7	.076200	.091240	.254903	1.000000	.453946	.435578
8	.088900	.095746	.297320	1.000000	.460242	.511572
9	.101600	.101508	.341123	1.000000	.467991	.591860
10	.114300	.108231	.382778	1.000000	.476644	.670245
11	.127000	.115987	.422437	1.000000	.486165	.747038
12	.139700	.126921	.468058	1.000000	.498840	.838435
13	.152400	.138297	.506785	1.000000	.511226	.919008
14	.165100	.151077	.542906	1.000000	.524300	.997021
15	.177800	.164227	.572426	1.000000	.536208	1.063102
16	.190500	.181587	.608251	1.000000	.552324	1.146487
17	.203200	.197913	.637710	1.000000	.567115	1.218002
18	.215900	.219188	.671756	1.000000	.586181	1.304417
19	.228600	.239282	.699855	1.000000	.603728	1.379171
20	.241300	.260927	.727336	1.000000	.622698	1.455671
21	.254000	.285674	.755273	1.000000	.644068	1.537302
22	.266700	.311382	.781333	1.000000	.666171	1.617403
23	.279400	.337386	.805370	1.000000	.688683	1.695097
24	.292100	.364793	.828127	1.000000	.712137	1.772426
25	.304800	.387472	.845401	1.000000	.731511	1.833844
26	.317500	.413106	.863451	1.000000	.753379	1.900788
27	.330200	.436081	.878453	1.000000	.772957	1.958780
28	.342900	.463414	.895025	1.000000	.796228	2.025551
29	.355600	.486610	.908118	1.000000	.815961	2.080493
30	.368300	.519558	.925531	1.000000	.844257	2.156839
31	.381000	.602074	.962921	1.000000	.914382	2.335305
32	.393700	.672254	.989555	1.000000	.973961	2.476852
33	.406400	.690501	.995846	1.000000	.989445	2.512333
34	.419100	.699809	.998964	1.000000	.997343	2.530238
35	.431800	.704537	1.000526	1.000000	1.001355	2.539285
36	.444500	.708969	1.001976	1.000000	1.005115	2.547736
37	.457200	.710299	1.002409	1.000000	1.006243	2.550266
38	.469900	.707196	1.001397	1.000000	1.003611	2.544359
39	.482600	.697519	.998202	1.000000	.995400	2.525845
40	.495300	.674692	.990409	1.000000	.976030	2.481622
41	.508000	.639528	.977645	1.000000	.946184	2.411893
42	.520700	.588999	.957478	1.000000	.903276	2.307960
43	.533400	.563069	.946178	1.000000	.881246	2.252737

STATION X= 4.55 CM PTC= 23.672 N/SQ CM TTC=301.44K
R= 2.588 CM PWALL= 1.9658 N/SQ CM CF= .00005 PI...=*.459
UE= 582.1 M/SEC RHOE=.01604 KG/CUB M RE= 32.787E6 /M
DELTA= .457 CM DELTA*= .2622 CM THETA= .0329 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.083044	.000000	1.000000	.440097	.000000
2	.012700	.083557	.056009	1.000000	.440871	.093794
3	.025400	.083705	.063535	1.000000	.441094	.106425
4	.038100	.084222	.084674	1.000000	.441871	.141959
5	.050800	.085108	.111728	1.000000	.443195	.187598
6	.063500	.086216	.137935	1.000000	.444836	.232029
7	.076200	.088137	.173536	1.000000	.447645	.292836
8	.088900	.091092	.215827	1.000000	.451882	.365919
9	.101600	.093825	.247412	1.000000	.455716	.421245
10	.114300	.097741	.285030	1.000000	.461070	.488137
11	.127000	.101951	.318847	1.000000	.466660	.549352
12	.139700	.106083	.359911	1.000000	.474512	.625297
13	.152400	.114436	.395411	1.000000	.482319	.692601
14	.165100	.121380	.428428	1.000000	.490506	.756776
15	.177800	.130245	.464221	1.000000	.500485	.828300
16	.190500	.140439	.498954	1.000000	.511378	.899910
17	.203200	.153663	.536628	1.000000	.524696	.980380
18	.215900	.166221	.567819	1.000000	.537046	1.049502
19	.228600	.182990	.599758	1.000000	.551087	1.122932
20	.241300	.199760	.630296	1.000000	.565993	1.195961
21	.254000	.220444	.663171	1.000000	.583871	1.278059
22	.266700	.248368	.701898	1.000000	.607736	1.380063
23	.279400	.276884	.736316	1.000000	.631922	1.476261
24	.292100	.313008	.773896	1.000000	.662133	1.588264
25	.304800	.350831	.808180	1.000000	.693835	1.697867
26	.317500	.384517	.834897	1.000000	.721804	1.788998
27	.330200	.429580	.866368	1.000000	.759128	1.903826
28	.342900	.474643	.893882	1.000000	.796378	2.011904
29	.355600	.512835	.914838	1.000000	.828182	2.099781
30	.368300	.556199	.936081	1.000000	.863974	2.194476
31	.381000	.600671	.955665	1.000000	.900652	2.287450
32	.393700	.644182	.972994	1.000000	.936516	2.374844
33	.406400	.669521	.982354	1.000000	.957393	2.424266
34	.419100	.691683	.990142	1.000000	.975648	2.466671
35	.431800	.706236	.995067	1.000000	.987634	2.494121
36	.444500	.714436	.997779	1.000000	.994387	2.509454
37	.457200	.721380	1.000041	1.000000	1.000105	2.522364
38	.469900	.725074	1.001232	1.000000	1.003146	2.529205
39	.482600	.725221	1.001279	1.000000	1.003268	2.529478
40	.495300	.726551	1.001706	1.000000	1.004363	2.531936
41	.508000	.728398	1.002296	1.000000	1.005883	2.535345
42	.520700	.731205	1.003189	1.000000	1.008195	2.540519
43	.533400	.731722	1.003353	1.000000	1.008621	2.541470

STATION X= 4.83 CM PTO= 23.672 N/SQ CM TTO=301.44K
R= 2.588 CM PWALL= 2.0934 N/SQ CM CF= .00009 PI =*.982
UE= 548.4 M/SEC RHOE=.01494 KG/CUB M RE= 25.383E6 /M
DELTA= .412 CM DELTA*= .2274 CM THETA= .0348 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.088434	.000000	1.000000	.503085	.000000
2	.012700	.089762	.092500	1.000000	.505233	.146115
3	.025400	.090353	.110950	1.000000	.506182	.175423
4	.038100	.090870	.124774	1.000000	.507008	.197441
5	.050800	.091609	.142065	1.000000	.508182	.225062
6	.063500	.093382	.176249	1.000000	.510973	.279983
7	.076200	.095450	.208393	1.000000	.514181	.332083
8	.088900	.098405	.245977	1.000000	.518680	.393686
9	.101600	.101582	.279540	1.000000	.523409	.449438
10	.114300	.106901	.325796	1.000000	.531098	.527640
11	.127000	.112885	.368208	1.000000	.539427	.600987
12	.139700	.119533	.407450	1.000000	.548319	.670497
13	.152400	.128546	.451628	1.000000	.559826	.750953
14	.165100	.136893	.485991	1.000000	.569981	.815386
15	.177800	.150043	.531158	1.000000	.585115	.902921
16	.190500	.165482	.574350	1.000000	.601720	.990100
17	.203200	.180922	.608436	1.000000	.616492	1.061656
18	.215900	.200129	.646559	1.000000	.634992	1.144979
19	.228600	.224360	.688168	1.000000	.657908	1.240458
20	.241300	.247556	.722568	1.000000	.679332	1.323504
21	.254000	.274667	.757747	1.000000	.703930	1.412843
22	.266700	.298602	.785752	1.000000	.725742	1.487584
23	.279400	.334135	.822266	1.000000	.757630	1.590545
24	.292100	.367526	.852740	1.000000	.787719	1.681927
25	.304800	.396041	.875993	1.000000	.813152	1.755462
26	.317500	.424926	.897511	1.000000	.838864	1.826799
27	.330200	.456981	.920627	1.000000	.869130	1.907355
28	.342900	.487940	.938624	1.000000	.894834	1.973185
29	.355600	.510176	.951530	1.000000	.914553	2.022238
30	.368300	.534923	.965058	1.000000	.936486	2.075435
31	.381000	.563956	.980093	1.000000	.962525	2.136872
32	.393700	.578878	.987337	1.000000	.975746	2.167400
33	.406400	.599489	.996940	1.000000	.994001	2.208858
34	.419100	.614116	1.003489	1.000000	1.006953	2.237805
35	.431800	.627634	1.009356	1.000000	1.018920	2.264225
36	.444500	.641079	1.015022	1.000000	1.030821	2.290194
37	.457200	.651200	1.019181	1.000000	1.039777	2.309546
38	.469900	.662724	1.023810	1.000000	1.049974	2.331364
39	.482600	.674249	1.028329	1.000000	1.060170	2.353016
40	.495300	.681931	1.031282	1.000000	1.066967	2.367326
41	.508000	.690427	1.034495	1.000000	1.074481	2.383048
42	.520700	.697814	1.037244	1.000000	1.081015	2.396634
43	.533400	.706384	1.040382	1.000000	1.088594	2.412298

STATION X= 5.08 CM PTO= 23.672 N/SQ CM TTO=301.44K
R= 2.588 CM PWALL= 2.2220 N/SQ CM CF= .00011 PI :=*.587
UE= 536.0 M/SEC RHOE=.01519 KG/CUB M RE= 24.244E6 /M
DELTA= .379 CM DELTA*= .2035 CM THETA= .0333 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.093866	.000000	1.000000	.525274	.000000
2	.012700	.095524	.102530	1.000000	.527908	.158360
3	.025400	.096263	.122966	1.000000	.529072	.190133
4	.038100	.097297	.146617	1.000000	.530689	.227048
5	.050800	.098849	.175780	1.000000	.533093	.272825
6	.063500	.101065	.209775	1.000000	.536481	.326622
7	.076200	.103798	.244277	1.000000	.540587	.381794
8	.088900	.107640	.284277	1.000000	.546229	.446624
9	.101600	.112367	.324869	1.000000	.552979	.513542
10	.114300	.118277	.366920	1.000000	.561137	.584278
11	.127000	.125591	.410053	1.000000	.570839	.658583
12	.139700	.134086	.451725	1.000000	.581615	.732328
13	.152400	.145684	.498616	1.000000	.595566	.817964
14	.165100	.158612	.541483	1.000000	.610210	.899163
15	.177800	.173239	.581664	1.000000	.625784	.978134
16	.190500	.191707	.621606	1.000000	.643270	1.059805
17	.203200	.211579	.660039	1.000000	.662234	1.141797
18	.215900	.238100	.704002	1.000000	.686887	1.240311
19	.228600	.264768	.741923	1.000000	.711091	1.329950
20	.241300	.295500	.779863	1.000000	.738493	1.424641
21	.254000	.326896	.814266	1.000000	.766552	1.515483
22	.266700	.363906	.849683	1.000000	.799180	1.614705
23	.279400	.394859	.876327	1.000000	.826637	1.693703
24	.292100	.429580	.903050	1.000000	.857084	1.777203
25	.304800	.464448	.927297	1.000000	.887598	1.857124
26	.317500	.498578	.948895	1.000000	.917420	1.932039
27	.330200	.533446	.969083	1.000000	.947650	2.005601
28	.342900	.553318	.979837	1.000000	.965179	2.046311
29	.355600	.575184	.991101	1.000000	.984238	2.090170
30	.368300	.585527	.996419	1.000000	.993579	2.111334
31	.381000	.593948	1.000509	1.000000	1.000921	2.127820
32	.393700	.599267	1.003053	1.000000	1.005558	2.138165
33	.406400	.600966	1.003859	1.000000	1.007039	2.141459
34	.419100	.603035	1.004837	1.000000	1.008842	2.145462
35	.431800	.604586	1.005567	1.000000	1.010194	2.148460
36	.444500	.606728	1.006571	1.000000	1.012061	2.152592
37	.457200	.611899	1.008976	1.000000	1.016567	2.162533
38	.469900	.616627	1.011151	1.000000	1.020687	2.171581
39	.482600	.622611	1.013871	1.000000	1.025901	2.182978
40	.495300	.629925	1.017149	1.000000	1.032273	2.196826
41	.508000	.635834	1.019761	1.000000	1.037421	2.207952
42	.520700	.643443	1.023075	1.000000	1.044049	2.222193
43	.533400	.649501	1.025676	1.000000	1.049325	2.233464

STATION X= 5.33 CM PTO= 23.672 N/SQ CM TTO=301.44K
R= 2.588 CM PWALL= 2.3410 N/SQ CM CF= .00022 PI =*.648
UE= 534.3 M/SEC RHOE=.01591 KG/CUB M RE= 25.178E6 /M
DELTA= .360 CM DELTA*= .1830 CM THETA= .0331 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.098893	.000000	1.000000	.528345	.000000
2	.012700	.104167	.176757	1.000000	.536247	.273462
3	.025400	.105276	.193775	1.000000	.537870	.300245
4	.038100	.107049	.217860	1.000000	.540443	.338369
5	.050800	.109708	.248887	1.000000	.544246	.387917
6	.063500	.112885	.280468	1.000000	.548702	.438924
7	.076200	.117095	.316089	1.000000	.554474	.497267
8	.088900	.122340	.353621	1.000000	.561459	.559804
9	.101600	.128693	.392045	1.000000	.569640	.625136
10	.114300	.137337	.435757	1.000000	.580318	.701319
11	.127000	.147531	.478512	1.000000	.592312	.778049
12	.139700	.158930	.518424	1.000000	.605042	.851955
13	.152400	.174126	.562532	1.000000	.621035	.936578
14	.165100	.191486	.606162	1.000000	.639102	1.023794
15	.177800	.208846	.637190	1.000000	.653486	1.088243
16	.190500	.234776	.681933	1.000000	.676788	1.185241
17	.203200	.263586	.723999	1.000000	.701867	1.281457
18	.215900	.294465	.763217	1.000000	.728489	1.376253
19	.228600	.325640	.798022	1.000000	.755176	1.465135
20	.241300	.359548	.831270	1.000000	.783800	1.554832
21	.254000	.398331	.864903	1.000000	.816386	1.651025
22	.266700	.436376	.894449	1.000000	.848532	1.740719
23	.279400	.480626	.924766	1.000000	.885527	1.838533
24	.292100	.513943	.945358	1.000000	.913331	1.908750
25	.304800	.548368	.964914	1.000000	.942025	1.978603
26	.317500	.575406	.979193	1.000000	.964541	2.031737
27	.330200	.591880	.987470	1.000000	.978253	2.063423
28	.342900	.605990	.994322	1.000000	.989993	2.090171
29	.355600	.615593	.999053	1.000000	.998313	2.108923
30	.368300	.620321	1.001256	1.000000	1.002248	2.117734
31	.381000	.621503	1.001803	1.000000	1.003232	2.119931
32	.393700	.622907	1.002451	1.000000	1.004400	2.122537
33	.406400	.624827	1.003334	1.000000	1.005999	2.126098
34	.419100	.624606	1.003233	1.000000	1.005815	2.125687
35	.431800	.624015	1.002961	1.000000	1.005323	2.124592
36	.444500	.622463	1.002246	1.000000	1.004032	2.121714
37	.457200	.619656	1.000947	1.000000	1.001695	2.116497
38	.469900	.617366	.999882	1.000000	.999769	2.112231
39	.482600	.614781	.998672	1.000000	.997637	2.107405
40	.495300	.613303	.997978	1.000000	.996407	2.104641
41	.508000	.613155	.997909	1.000000	.996284	2.104365
42	.520700	.613525	.998082	1.000000	.996591	2.105056
43	.533400	.613894	.998256	1.000000	.996899	2.105747

STATION X= 5.59 CM PTO= 23.672 N/SQ CM TTO=301.44K
R= 2.588 CM PWALL= 2.4521 N/SQ CM CF= .00033 PI =8.642
UE= 528.8 M/SEC RHOE=.01637 KG/CUB M RE= 25.218E6 /M
DELTA= .336 CM DELTA*= .1624 CM THETA= .0322 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.103587	.000000	1.000000	.537983	.000000
2	.012700	.112589	.225665	1.000000	.550945	.347094
3	.025400	.115027	.252627	1.000000	.554328	.389756
4	.038100	.117834	.279717	1.000000	.558160	.433040
5	.050800	.121749	.312465	1.000000	.563397	.486002
6	.063500	.126108	.343948	1.000000	.569087	.537666
7	.076200	.132092	.381081	1.000000	.576675	.599671
8	.088900	.139405	.419611	1.000000	.585623	.665405
9	.101600	.149009	.462128	1.000000	.596876	.739835
10	.114300	.160607	.504874	1.000000	.609797	.816968
11	.127000	.173609	.544884	1.000000	.623511	.891571
12	.139700	.189344	.585340	1.000000	.639160	.969712
13	.152400	.208846	.625613	1.000000	.656741	1.050588
14	.165100	.232042	.666742	1.000000	.677038	1.136827
15	.177800	.258046	.706674	1.000000	.699338	1.224595
16	.190500	.286635	.745238	1.000000	.723673	1.313699
17	.203200	.317883	.781661	1.000000	.749582	1.402355
18	.215900	.356593	.821460	1.000000	.781688	1.504988
19	.228600	.397445	.857852	1.000000	.815129	1.604928
20	.241300	.430097	.884050	1.000000	.842029	1.681011
21	.254000	.474273	.915524	1.000000	.877988	1.777640
22	.266700	.508920	.937749	1.000000	.906130	1.849744
23	.279400	.547630	.960419	1.000000	.937525	1.927001
24	.292100	.576219	.975883	1.000000	.960685	1.982067
25	.304800	.599563	.987791	1.000000	.979584	2.025890
26	.317500	.613377	.994557	1.000000	.990762	2.051371
27	.330200	.623128	.999213	1.000000	.998651	2.069164
28	.342900	.626083	1.000605	1.000000	1.001041	2.074525
29	.355600	.628447	1.001713	1.000000	1.002953	2.078804
30	.368300	.628078	1.001540	1.000000	1.002654	2.078136
31	.381000	.625049	1.000119	1.000000	1.000204	2.072650
32	.393700	.623350	.999318	1.000000	.998830	2.069566
33	.406400	.621060	.998233	1.000000	.996978	2.065403
34	.419100	.616332	.995978	1.000000	.993153	2.056779
35	.431800	.612195	.993986	1.000000	.989806	2.049203
36	.444500	.607836	.991867	1.000000	.986279	2.041190
37	.457200	.602518	.989255	1.000000	.981975	2.031368
38	.469900	.597420	.986724	1.000000	.977850	2.021909
39	.482600	.592619	.984313	1.000000	.973963	2.012956
40	.495300	.586783	.981348	1.000000	.969239	2.002020
41	.508000	.580429	.978077	1.000000	.964095	1.990045
42	.520700	.573485	.974448	1.000000	.958472	1.976870
43	.533400	.567206	.971117	1.000000	.953386	1.964879

STATION X= 5.82 CM PTO= 23.672 N/SQ CM TTO=301.44K
R= 2.588 CM PWALL= 2.4679 N/SQ CM CF= .00058 PI =5.581
UE= 523.1 M/SEC RHOE=.01617 KG/CUB M RE= 24.248E6 /M
DELTA= .311 CM DELTA*= .1367 CM THETA= .0307 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.104253	.000000	1.000000	.547901	.000000
2	.012700	.123375	.322342	1.000000	.574907	.496440
3	.025400	.127290	.350196	1.000000	.580062	.541750
4	.038100	.131575	.377235	1.000000	.585575	.586347
5	.050800	.136967	.407336	1.000000	.592334	.636777
6	.063500	.143838	.440833	1.000000	.600675	.693977
7	.076200	.152407	.476884	1.000000	.610689	.756961
8	.088900	.163783	.517513	1.000000	.623380	.829944
9	.101600	.176563	.555976	1.000000	.636907	.901250
10	.114300	.191707	.594412	1.000000	.652059	.974949
11	.127000	.211875	.634833	1.000000	.669970	1.055452
12	.139700	.233963	.674704	1.000000	.689884	1.138288
13	.152400	.258563	.712757	1.000000	.711260	1.220974
14	.165100	.285527	.749658	1.000000	.734524	1.305021
15	.177800	.316110	.785960	1.000000	.760210	1.391933
16	.190500	.352752	.824492	1.000000	.791000	1.489450
17	.203200	.385551	.854828	1.000000	.818205	1.570583
18	.215900	.428767	.890304	1.000000	.853897	1.671061
19	.228600	.460976	.914257	1.000000	.880720	1.742763
20	.241300	.501533	.941319	1.000000	.914077	1.828012
21	.254000	.533150	.960572	1.000000	.940039	1.891707
22	.266700	.564916	.978502	1.000000	.966094	1.953541
23	.279400	.585083	.989226	1.000000	.982622	1.991772
24	.292100	.598676	.996186	1.000000	.993757	2.017120
25	.304800	.605399	.999553	1.000000	.999263	2.029536
26	.317500	.606507	1.000103	1.000000	1.000171	2.031576
27	.330200	.605768	.999737	1.000000	.999566	2.030216
28	.342900	.603330	.998522	1.000000	.997569	2.025724
29	.355600	.599932	.996819	1.000000	.994786	2.019446
30	.368300	.595795	.994728	1.000000	.991398	2.011775
31	.381000	.590846	.992202	1.000000	.987343	2.002558
32	.393700	.585674	.989533	1.000000	.983106	1.992881
33	.406400	.580503	.986833	1.000000	.978869	1.983156
34	.419100	.575480	.984180	1.000000	.974753	1.973662
35	.431800	.569718	.981100	1.000000	.970030	1.962713
36	.444500	.565211	.978663	1.000000	.966336	1.954107
37	.457200	.558784	.975144	1.000000	.961067	1.941764
38	.469900	.554204	.972604	1.000000	.957311	1.932918
39	.482600	.548812	.969578	1.000000	.952888	1.922449
40	.495300	.543862	.966768	1.000000	.948828	1.912789
41	.508000	.538322	.963583	1.000000	.944283	1.901915
42	.520700	.532633	.960269	1.000000	.939615	1.890684
43	.533400	.526945	.956909	1.000000	.934946	1.879383

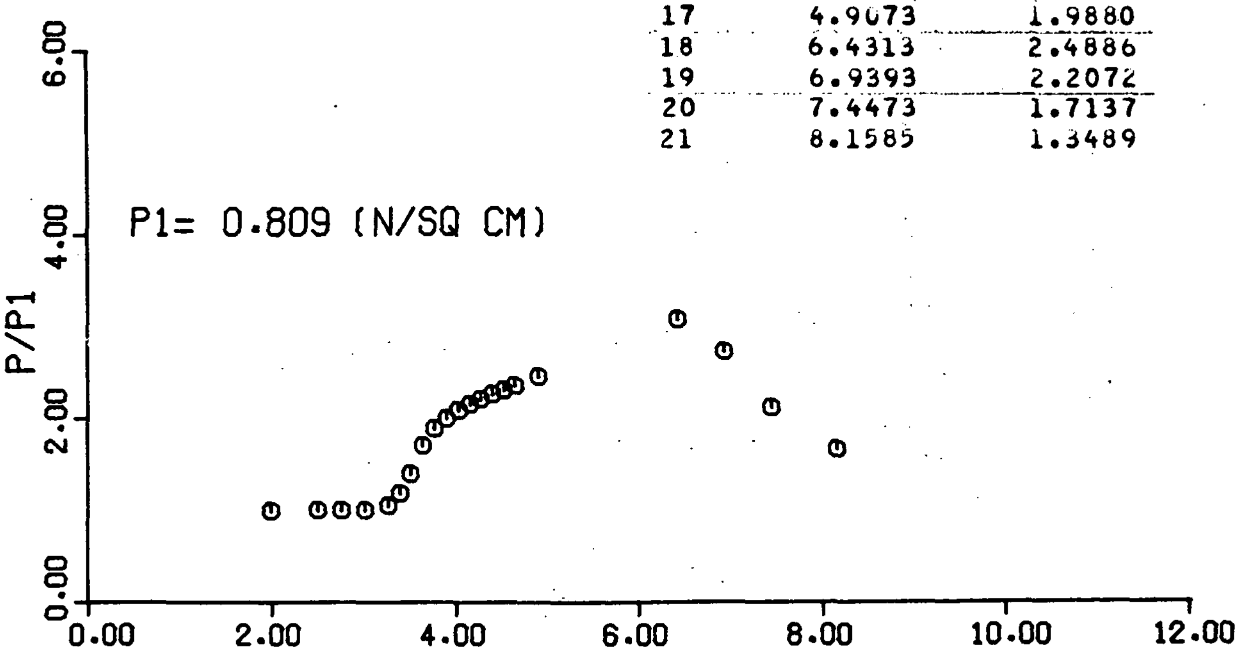
STATION X= 6.32 CM PTO= 23.672 N/SQ CM TTC=301.44K
R= 2.588 CM PWALL= 2.0762 N/SQ CM CF= .00137 PI =2.058
UE= 534.7 M/SEC RHOE=.01413 KG/CUB M RE= 22.417E6 /M
DELTA= .314 CM DELTA*= .1055 CM THETA= .0270 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.087709	.000000	1.000000	.527513	.000000
2	.012700	.150191	.549087	1.000000	.615142	.911365
3	.025400	.157873	.572000	1.000000	.623973	.956185
4	.038100	.165261	.591955	1.000000	.632179	.996029
5	.050800	.173461	.614060	1.000000	.641868	1.041111
6	.063500	.182030	.629753	1.000000	.649153	1.073760
7	.076200	.194515	.655618	1.000000	.661949	1.128826
8	.088900	.208994	.682680	1.000000	.676475	1.188246
9	.101600	.223990	.708096	1.000000	.691281	1.245898
10	.114300	.240981	.734429	1.000000	.707931	1.307703
11	.127000	.264251	.766610	1.000000	.730300	1.386400
12	.139700	.285157	.792996	1.000000	.750502	1.453819
13	.152400	.310570	.821746	1.000000	.774678	1.530600
14	.165100	.334653	.846465	1.000000	.797495	1.599692
15	.177800	.360730	.870889	1.000000	.822128	1.671075
16	.190500	.388137	.894572	1.000000	.848244	1.743569
17	.203200	.416504	.916750	1.000000	.874949	1.814704
18	.215900	.441252	.934601	1.000000	.898211	1.874472
19	.228600	.470358	.954032	1.000000	.925538	1.942334
20	.241300	.493924	.968666	1.000000	.947642	1.995537
21	.254000	.515347	.981204	1.000000	.967722	2.042670
22	.266700	.529013	.988851	1.000000	.980526	2.072163
23	.279400	.540685	.995366	1.000000	.991785	2.097756
24	.292100	.547408	.998928	1.000000	.998085	2.111940
25	.304800	.548959	.999742	1.000000	.999539	2.115199
26	.317500	.549403	.999974	1.000000	.999954	2.116130
27	.330200	.547999	.999239	1.000000	.998639	2.113182
28	.342900	.545192	.997760	1.000000	.996008	2.107275
29	.355600	.542015	.996075	1.000000	.993031	2.100569
30	.368300	.538469	.993991	1.000000	.989382	2.092320
31	.381000	.534776	.991998	1.000000	.985923	2.084470
32	.393700	.530860	.989864	1.000000	.982256	2.076116
33	.406400	.526206	.987302	1.000000	.977896	2.066140
34	.419100	.522439	.985205	1.000000	.974367	2.058028
35	.431800	.518597	.983047	1.000000	.970768	2.049724
36	.444500	.514904	.980951	1.000000	.967307	2.041706
37	.457200	.511432	.978964	1.000000	.964053	2.034139
38	.469900	.507442	.976659	1.000000	.960315	2.025410
39	.482600	.504561	.974979	1.000000	.957614	2.019082
40	.495300	.500720	.972719	1.000000	.954013	2.010612
41	.508000	.497174	.970614	1.000000	.950689	2.002761
42	.520700	.493480	.968399	1.000000	.947226	1.994550
43	.533400	.489861	.966208	1.000000	.943832	1.986469

ID NO. 11316-015

PTO= 23.6711 N/SQ CM
TTO= 303.2778 K
PBAR= 764.3000 MMHG
TMAN= 300.8889 K

I	X(CM)	P(N/SQ CM)
1	1.9990	.8090
2	2.5070	.8117
3	2.7610	.8117
4	3.0150	.8114
5	3.2690	.8500
6	3.3960	.9622
7	3.5103	1.1314
8	3.6500	1.3810
9	3.7770	1.5305
10	3.9040	1.6190
11	4.0310	1.6905
12	4.1580	1.7445
13	4.2723	1.7862
14	4.3993	1.8300
15	4.5263	1.8683
16	4.6533	1.9066
17	4.9073	1.9880
18	6.4313	2.4886
19	6.9393	2.2072
20	7.4473	1.7137
21	8.1585	1.3489



ID NO. 11316 -015

STATION X= 2.00 CM PTO= 23.670 N/SQ CM TTO=303.28K
R= 2.576 CM PWALL= .8090 N/SQ CM CF= .00182 PI = .867
UE= 610.1 M/SEC RHOE=.00743 KG/CUB M RE= 17.838E6 /M
DELTA= .342 CM DELTA*= .1065 CM THETA= .0203 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.034177	.000000	1.000000	.388755	.000000
2	.012700	.063148	.513038	1.000000	.463291	.979111
3	.025400	.093143	.642901	1.000000	.520171	1.300086
4	.038100	.116784	.711990	1.000000	.563297	1.498296
5	.050800	.134072	.752195	1.000000	.594281	1.625853
6	.063500	.147665	.779811	1.000000	.618742	1.719883
7	.076200	.158008	.798644	1.000000	.637169	1.787455
8	.088900	.167834	.815157	1.000000	.654647	1.849268
9	.101600	.176995	.829487	1.000000	.570922	1.905026
10	.114300	.188520	.846223	1.000000	.691376	1.972865
11	.127000	.198346	.859480	1.000000	.708799	2.028861
12	.139700	.208985	.872898	1.000000	.727649	2.087754
13	.152400	.219402	.885352	1.000000	.746348	2.144578
14	.165100	.230410	.897521	1.000000	.765845	2.202266
15	.177800	.242156	.909669	1.000000	.786640	2.262175
16	.190500	.253164	.920345	1.000000	.806119	2.316889
17	.203200	.264246	.930465	1.000000	.825723	2.370676
18	.215900	.275845	.940444	1.000000	.846235	2.425679
19	.228600	.286188	.948858	1.000000	.864521	2.473683
20	.241300	.299338	.958954	1.000000	.887764	2.533388
21	.254000	.309312	.966198	1.000000	.905389	2.577739
22	.266700	.320246	.973763	1.000000	.924708	2.625492
23	.279400	.329777	.980058	1.000000	.941544	2.666410
24	.292100	.339011	.986018	1.000000	.958165	2.706200
25	.304800	.347286	.991064	1.000000	.972788	2.740728
26	.317500	.353492	.994734	1.000000	.983754	2.766339
27	.330200	.358959	.997889	1.000000	.993414	2.788704
28	.342900	.363022	1.000188	1.000000	1.000593	2.805211
29	.355600	.365608	1.001632	1.000000	1.005161	2.815665
30	.368300	.367455	1.002653	1.000000	1.008425	2.823108
31	.381000	.368415	1.003181	1.000000	1.010121	2.826970
32	.393700	.369006	1.003505	1.000000	1.011166	2.829345
33	.406400	.369154	1.003586	1.000000	1.011427	2.829938
34	.419100	.369154	1.003586	1.000000	1.011427	2.829938
35	.431800	.369154	1.003586	1.000000	1.011427	2.829938
36	.444500	.369154	1.003586	1.000000	1.011427	2.829938
37	.457200	.369154	1.003586	1.000000	1.011427	2.829938
38	.469900	.369154	1.003586	1.000000	1.011427	2.829938
39	.482600	.369154	1.003586	1.000000	1.011427	2.829938
40	.495300	.369154	1.003586	1.000000	1.011427	2.829938
41	.508000	.369154	1.003586	1.000000	1.011427	2.829938
42	.520700	.369154	1.003586	1.000000	1.011427	2.829938
43	.546100	.369154	1.003586	1.000000	1.011427	2.829938

STATION X= 2.51 CM PTO= 23.670 N/SQ CM TTO=303.28K
R= 2.576 CM PWALL= .8117 N/SQ CM CF= .00184 PT[illegible]= .868
UE= 607.9 M/SEC RHOE=.00737 KG/CUB M RE= 17.458E6 /M
DELTA= .343 CM DELTA*= .1063 CM THETA= .0205 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.034293	.000000	1.000000	.392981	.000000
2	.012700	.063000	.512621	1.000000	.467563	.974131
3	.025400	.093069	.643835	1.000000	.525112	1.296585
4	.038100	.116858	.713650	1.000000	.568839	1.495825
5	.050800	.132594	.750641	1.000000	.597265	1.612189
6	.063500	.145449	.777302	1.000000	.620588	1.701736
7	.076200	.155792	.796564	1.000000	.539162	1.769809
8	.088900	.165692	.813559	1.000000	.656909	1.832493
9	.101600	.174705	.827955	1.000000	.673047	1.887686
10	.114300	.185344	.843774	1.000000	.592075	1.950757
11	.127000	.194652	.856686	1.000000	.708709	2.004270
12	.139700	.205734	.871047	1.000000	.728497	2.066121
13	.152400	.216964	.884761	1.000000	.748785	2.127674
14	.165100	.227602	.896762	1.000000	.767772	2.183704
15	.177800	.239275	.909091	1.000000	.788594	2.243543
16	.190500	.249692	.919422	1.000000	.807167	2.295605
17	.203200	.260257	.929313	1.000000	.825998	2.347209
18	.215900	.272225	.939866	1.000000	.847324	2.404314
19	.228600	.284710	.950205	1.000000	.869564	2.462457
20	.241300	.295497	.958635	1.000000	.888773	2.511592
21	.254000	.305249	.965887	1.000000	.906136	2.55519[illegible]
22	.266700	.315444	.973123	1.000000	.924286	2.599987
23	.279400	.325344	.979832	1.000000	.941906	2.642749
24	.292100	.333840	.985358	1.000000	.957026	2.678898
25	.304800	.341967	.990563	1.000000	.971802	2.713760
26	.317500	.349059	.994867	1.000000	.984429	2.743201
27	.330200	.353492	.997492	1.000000	.992321	2.761441
28	.342900	.357850	1.000026	1.000000	1.000080	2.779259
29	.355600	.360879	1.001760	1.000000	1.005472	2.791574
30	.368300	.363539	1.003265	1.000000	1.010206	2.802342
31	.381000	.364943	1.004053	1.000000	1.012705	2.808009
32	.393700	.366494	1.004918	1.000000	1.015466	2.814258
33	.406400	.367602	1.005533	1.000000	1.017439	2.818713
34	.419100	.368267	1.005900	1.000000	1.018622	2.821383
35	.431800	.369154	1.006389	1.000000	1.020200	2.824939
36	.444500	.369819	1.006754	1.000000	1.021384	2.827603
37	.457200	.370262	1.006997	1.000000	1.022173	2.829377
38	.469900	.370779	1.007280	1.000000	1.023093	2.831446
39	.482600	.370927	1.007361	1.000000	1.023356	2.832037
40	.495300	.370927	1.007361	1.000000	1.023356	2.832037
41	.508000	.370927	1.007361	1.000000	1.023356	2.832037
42	.520700	.370927	1.007361	1.000000	1.023356	2.832037
43	.546100	.370927	1.007361	1.000000	1.023356	2.832037

STATION X= 2.76 CM PTO= 23.670 N/SQ CM TTO=303.28K
R= 2.576 CM PWALL= .8117 N/SQ CM CF= .00180 PI = .905
UE= 609.4 M/SEC RHOE=.00743 KG/CUB M RE= 17.754E6 /M
DELTA= .346 CM DELTA*= .1088 CM THETA= .0203 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.034293	.000000	1.000000	.390124	.000000
2	.012700	.062779	.510060	1.000000	.463697	.971053
3	.025400	.090557	.633785	1.000000	.516705	1.273702
4	.038100	.114198	.705142	1.000000	.559916	1.475171
5	.050800	.131708	.746947	1.000000	.591337	1.605874
6	.063500	.144341	.773321	1.000000	.614099	1.694272
7	.076200	.154388	.792182	1.000000	.632015	1.760732
8	.088900	.164436	.809572	1.000000	.649900	1.824665
9	.101600	.173597	.824299	1.000000	.666186	1.880991
10	.114300	.183866	.839674	1.000000	.684422	1.942124
11	.127000	.194357	.854280	1.000000	.703033	2.002593
12	.139700	.204552	.867525	1.000000	.721106	2.059615
13	.152400	.215708	.881221	1.000000	.741116	2.120959
14	.165100	.226642	.893609	1.000000	.760489	2.178706
15	.177800	.237059	.904687	1.000000	.778937	2.232307
16	.190500	.248510	.916126	1.000000	.799208	2.289758
17	.203200	.259813	.926731	1.000000	.819209	2.345067
18	.215900	.271486	.937031	1.000000	.839857	2.400829
19	.228600	.282568	.946253	1.000000	.859455	2.452579
20	.241300	.293576	.954921	1.000000	.878916	2.502913
21	.254000	.305397	.963730	1.000000	.899810	2.555848
22	.266700	.315444	.970841	1.000000	.917566	2.599987
23	.279400	.326526	.978314	1.000000	.937147	2.647808
24	.292100	.335761	.984374	1.000000	.953768	2.687733
25	.304800	.343813	.989371	1.000000	.968002	2.721458
26	.317500	.351127	.993762	1.000000	.980929	2.751728
27	.330200	.360510	.999201	1.000000	.997510	2.790075
28	.342900	.361249	.999621	1.000000	.998815	2.793072
29	.355600	.364278	1.001327	1.000000	1.004168	2.805326
30	.368300	.366420	1.002521	1.000000	1.007954	2.813961
31	.381000	.367824	1.003297	1.000000	1.010434	2.819604
32	.393700	.368341	1.003582	1.000000	1.011348	2.821680
33	.406400	.368932	1.003907	1.000000	1.012392	2.824050
34	.419100	.369006	1.003948	1.000000	1.012523	2.824347
35	.431800	.369080	1.003989	1.000000	1.012653	2.824643
36	.444500	.369376	1.004151	1.000000	1.013176	2.825827
37	.457200	.369597	1.004272	1.000000	1.013567	2.826715
38	.469900	.369745	1.004353	1.000000	1.013828	2.827307
39	.482600	.369745	1.004353	1.000000	1.013828	2.827307
40	.495300	.370040	1.004515	1.000000	1.014350	2.828490
41	.508000	.370336	1.004676	1.000000	1.014873	2.829673
42	.520700	.370927	1.004999	1.000000	1.015917	2.832037
43	.546100	.371075	1.005079	1.000000	1.016178	2.832628

ID NO. 11316-019

STATION X= 3.01 CM PTO= 23.670 N/SQ CM TTO=303.28K
R= 2.576 CM PWALL= .8114 N/SQ CM CF= .00180 PI = .924
UE= 608.2 M/SEC RHOE=.00738 KG/CUB M RE= 17.505E6 /M
DELTA= .341 CM DELTA*= .1081 CM THETA= .0208 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.034278	.000000	1.000000	.392445	.000000
2	.012700	.063813	.517466	1.000000	.468696	.985634
3	.025400	.086420	.620364	1.000000	.512209	1.235260
4	.038100	.110800	.697576	1.000000	.557169	1.448680
5	.050800	.128457	.741251	1.000000	.589101	1.582881
6	.063500	.143676	.773608	1.000000	.616668	1.690187
7	.076200	.154758	.794477	1.000000	.636554	1.763547
8	.088900	.164436	.811233	1.000000	.653891	1.825098
9	.101600	.173819	.826330	1.000000	.670677	1.882775
10	.114300	.184679	.842560	1.000000	.690084	1.947332
11	.127000	.193470	.854825	1.000000	.705780	1.998020
12	.139700	.204552	.869289	1.000000	.725551	2.060090
13	.152400	.214895	.882054	1.000000	.744239	2.117089
14	.165100	.225681	.894362	1.000000	.763472	2.174193
15	.177800	.235877	.905291	1.000000	.781643	2.226797
16	.190500	.246811	.916322	1.000000	.801123	2.281843
17	.203200	.258188	.927111	1.000000	.821385	2.337724
18	.215900	.270304	.937901	1.000000	.842954	2.395781
19	.228600	.280721	.946651	1.000000	.861494	2.444579
20	.241300	.292468	.955986	1.000000	.882395	2.498451
21	.254000	.304510	.965018	1.000000	.903816	2.552486
22	.266700	.315075	.972530	1.000000	.922606	2.598956
23	.279400	.324679	.979050	1.000000	.939684	2.640485
24	.292100	.334283	.985296	1.000000	.956760	2.681366
25	.304800	.342040	.990261	1.000000	.970866	2.714670
26	.317500	.349428	.994737	1.000000	.984006	2.745333
27	.330200	.354969	.998003	1.000000	.993861	2.768106
28	.342900	.358959	1.000309	1.000000	1.000956	2.784387
29	.355600	.362357	1.002243	1.000000	1.007000	2.798180
30	.368300	.364573	1.003489	1.000000	1.010941	2.807138
31	.381000	.366420	1.004520	1.000000	1.014226	2.814582
32	.393700	.367381	1.005053	1.000000	1.015934	2.818445
33	.406400	.368267	1.005543	1.000000	1.017510	2.822006
34	.419100	.369006	1.005950	1.000000	1.018824	2.824970
35	.431800	.369006	1.005950	1.000000	1.018824	2.824970
36	.444500	.369006	1.005950	1.000000	1.018824	2.824970
37	.457200	.369006	1.005950	1.000000	1.018824	2.824970
38	.469900	.369006	1.005950	1.000000	1.018824	2.824970
39	.482600	.368267	1.005543	1.000000	1.017510	2.822006
40	.495300	.368267	1.005543	1.000000	1.017510	2.822006
41	.508000	.368267	1.005543	1.000000	1.017510	2.822006
42	.520700	.367602	1.005175	1.000000	1.016328	2.819336
43	.546100	.367602	1.005175	1.000000	1.016328	2.819336

STATION X= 3.27 CM PTO= 23.670 N/SQ CM TTO=303.28K
R= 2.576 CM PWALL= .8500 N/SQ CM CF= .00163 PT =1.245
UE= 601.9 M/SEC RHOE=.00749 KG/CUB M RE= 17.050E6 /M
DELTA= .343 CM DELTA*= .1119 CM THETA= .0215 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.035911	.000000	1.000000	.405032	.000000
2	.012700	.061301	.488003	1.000000	.471895	.908516
3	.025400	.069428	.539228	1.000000	.489759	1.022706
4	.038100	.081248	.590808	1.000000	.511195	1.144792
5	.050800	.097206	.649502	1.000000	.540755	1.294398
6	.063500	.116415	.705798	1.000000	.575643	1.451258
7	.076200	.137249	.754817	1.000000	.512740	1.601279
8	.088900	.155497	.791031	1.000000	.645252	1.722048
9	.101600	.171676	.818817	1.000000	.673921	1.821572
10	.114300	.186452	.841455	1.000000	.599858	1.907757
11	.127000	.199454	.859559	1.000000	.722738	1.980401
12	.139700	.210758	.874097	1.000000	.742609	2.041394
13	.152400	.221618	.887300	1.000000	.761939	2.099026
14	.165100	.232330	.899356	1.000000	.780761	2.153662
15	.177800	.242230	.909853	1.000000	.798146	2.202925
16	.190500	.251243	.918920	1.000000	.813969	2.246822
17	.203200	.260331	.927623	1.000000	.929916	2.290212
18	.215900	.269713	.936182	1.000000	.846377	2.334154
19	.228600	.280352	.945403	1.000000	.865036	2.382985
20	.241300	.290251	.953556	1.000000	.882395	2.427531
21	.254000	.299856	.961100	1.000000	.899232	2.469970
22	.266700	.311085	.969499	1.000000	.918914	2.518675
23	.279400	.319877	.975779	1.000000	.934320	2.556151
24	.292100	.329777	.982560	1.000000	.951666	2.5[illegible]7698
25	.304800	.338125	.988054	1.000000	.966291	2.632219
26	.317500	.345734	.992894	1.000000	.979620	2.663291
27	.330200	.352088	.996927	1.000000	.991067	2.689689
28	.342900	.357186	1.000000	1.000000	1.000000	2.710111
29	.355600	.361249	1.002404	1.000000	1.007120	2.726280
30	.368300	.363982	1.003998	1.000000	1.011910	2.737103
31	.381000	.365608	1.004938	1.000000	1.014758	2.743518
32	.393700	.366790	1.005618	1.000000	1.016829	2.748174
33	.406400	.367824	1.006210	1.000000	1.018642	2.752241
34	.419100	.368415	1.006547	1.000000	1.019677	2.754563
35	.431800	.368711	1.006715	1.000000	1.020195	2.755723
36	.444500	.369154	1.006967	1.000000	1.020972	2.757462
37	.457200	.369523	1.007177	1.000000	1.021619	2.758910
38	.469900	.369671	1.007261	1.000000	1.021878	2.759489
39	.482600	.369671	1.007261	1.000000	1.021878	2.759489
40	.495300	.369671	1.007261	1.000000	1.021878	2.759489
41	.508000	.369671	1.007261	1.000000	1.021878	2.759489
42	.520700	.369671	1.007261	1.000000	1.021878	2.759489
43	.546100	.369671	1.007261	1.000000	1.021878	2.759489

ID NO. 11316-021

STATION X= 3.51 CM PTO= 23.670 N/SQ CM TTO=303.26K
R= 2.576 CM PWALL= 1.1314 N/SQ CM CF= .00090 PI =3.713
UE= 562.6 M/SEC RHOE=.00841 KG/CUB M RE= 15.217E6 /M
DELTA= .253 CM DELTA*= .1119 CM THETA= .0230 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.047800	.000000	1.000000	.480181	.000000
2	.012700	.063887	.391180	1.000000	.521677	.657333
3	.025400	.066325	.414569	1.000000	.527289	.700374
4	.038100	.070462	.449327	1.000000	.536464	.765684
5	.050800	.076446	.491459	1.000000	.549125	.847290
6	.063500	.084425	.537194	1.000000	.564924	.939367
7	.076200	.095285	.588605	1.000000	.585653	1.047980
8	.088900	.110726	.640677	1.000000	.610426	1.164567
9	.101600	.128826	.693398	1.000000	.640181	1.290751
10	.114300	.146779	.737131	1.000000	.669195	1.402911
11	.127000	.167687	.780479	1.000000	.702683	1.522124
12	.139700	.188520	.817335	1.000000	.735637	1.630951
13	.152400	.206473	.845539	1.000000	.764178	1.719649
14	.165100	.227750	.875015	1.000000	.797643	1.818146
15	.177800	.249470	.901729	1.000000	.831731	1.913271
16	.190500	.269344	.923688	1.000000	.862873	1.996216
17	.203200	.289217	.943637	1.000000	.893980	2.075762
18	.215900	.309460	.962356	1.000000	.925953	2.154465
19	.228600	.326890	.978688	1.000000	.956342	2.226690
20	.241300	.344700	.991041	1.000000	.981056	2.283745
21	.254000	.357629	1.000581	1.000000	1.001260	2.329348
22	.266700	.365238	1.005976	1.000000	1.013148	2.355770
23	.279400	.369523	1.008946	1.000000	1.019842	2.370518
24	.292100	.370188	1.009403	1.000000	1.020880	2.372798
25	.304800	.370410	1.009555	1.000000	1.021226	2.373557
26	.317500	.369006	1.008590	1.000000	1.019034	2.368743
27	.330200	.367750	1.007723	1.000000	1.017072	2.364427
28	.342900	.367898	1.007825	1.000000	1.017303	2.364935
29	.355600	.367972	1.007876	1.000000	1.017418	2.365189
30	.368300	.367972	1.007876	1.000000	1.017418	2.365189
31	.381000	.367972	1.007876	1.000000	1.017418	2.365189
32	.393700	.367972	1.007876	1.000000	1.017418	2.365189
33	.406400	.367972	1.007876	1.000000	1.017418	2.365189
34	.419100	.367972	1.007876	1.000000	1.017418	2.365189
35	.431800	.367972	1.007876	1.000000	1.017418	2.365189
36	.444500	.367972	1.007876	1.000000	1.017418	2.365189
37	.457200	.367972	1.007876	1.000000	1.017418	2.365189
38	.469900	.367972	1.007876	1.000000	1.017418	2.365189
39	.482600	.367972	1.007876	1.000000	1.017418	2.365189
40	.495300	.367972	1.007876	1.000000	1.017418	2.365189
41	.508000	.367972	1.007876	1.000000	1.017418	2.365189
42	.520700	.367972	1.007876	1.000000	1.017418	2.365189
43	.546100	.367972	1.007876	1.000000	1.017418	2.365189

STATION X= 3.78 CM PTO= 23.670 N/SQ CM TTO=303.26K
R= 2.576 CM PWALL= 1.5305 N/SQ CM CF= .00027 PI =9.742
UE= 562.7 M/SEC RHOE=.01138 KG/CUB M RE= 20.615E6 /M
DELTA= .353 CM DELTA*= .1861 CM THETA= .0316 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.064658	.000000	1.000000	.479872	.000000
2	.012700	.067433	.151489	1.000000	.485669	.245770
3	.025400	.068615	.179882	1.000000	.488087	.292558
4	.038100	.071570	.234507	1.000000	.494003	.383706
5	.050800	.074599	.277456	1.000000	.499888	.456675
6	.063500	.077702	.313603	1.000000	.505742	.519185
7	.076200	.080953	.345808	1.000000	.511699	.575864
8	.088900	.084277	.374430	1.000000	.517617	.627122
9	.101600	.091222	.424346	1.000000	.529461	.718810
10	.114300	.100826	.478750	1.000000	.544823	.822646
11	.127000	.112204	.529290	1.000000	.561722	.923489
12	.139700	.125650	.578432	1.000000	.580978	1.026383
13	.152400	.138874	.612969	1.000000	.596432	1.102036
14	.165100	.155053	.652883	1.000000	.616570	1.193448
15	.177800	.173966	.692620	1.000000	.639418	1.289331
16	.190500	.192879	.727390	1.000000	.662073	1.377835
17	.203200	.211127	.757212	1.000000	.683798	1.457668
18	.215900	.232183	.787666	1.000000	.708504	1.543441
19	.228600	.253386	.815109	1.000000	.733272	1.624895
20	.241300	.275919	.841587	1.000000	.759761	1.707712
21	.254000	.298378	.865227	1.000000	.785873	1.785597
22	.266700	.321724	.887547	1.000000	.812965	1.862965
23	.279400	.345291	.908087	1.000000	.840273	1.937827
24	.292100	.371001	.928533	1.000000	.870027	2.016234
25	.304800	.392573	.944313	1.000000	.894971	2.079686
26	.317500	.418431	.961960	1.000000	.925161	2.153987
27	.330200	.439634	.975242	1.000000	.949662	2.212453
28	.342900	.466157	.990684	1.000000	.980295	2.283445
29	.355600	.486843	1.001916	1.000000	1.004176	2.337295
30	.368300	.505312	1.011402	1.000000	1.025491	2.384334
31	.381000	.519349	1.018294	1.000000	1.041688	2.419463
32	.393700	.528289	1.022548	1.000000	1.052001	2.441569
33	.406400	.530431	1.023553	1.000000	1.054472	2.446837
34	.419100	.527107	1.021991	1.000000	1.050637	2.438657
35	.431800	.511592	1.014518	1.000000	1.032738	2.400114
36	.444500	.491645	1.004430	1.000000	1.009718	2.349617
37	.457200	.459951	.987180	1.000000	.973129	2.267037
38	.469900	.433059	.971217	1.000000	.942066	2.194492
39	.482600	.404468	.952711	1.000000	.909019	2.114584
40	.495300	.396046	.946747	1.000000	.898984	2.089714
41	.508000	.381492	.936353	1.000000	.882160	2.047342
42	.520700	.375286	.931761	1.000000	.874983	2.028999
43	.546100	.371518	.928925	1.000000	.870626	2.017779

ID NO. 11316-023

STATION X= 4.03 CM PTO= 23.670 N/SQ CM TTO=303.28K
R= 2.576 CM PWALL= 1.6905 N/SQ CM CF= .00007 PI =*.639
UE= 550.6 M/SEC RHOE=.01202 KG/CUB M RE= 20.418E6 /M
DELTA= .405 CM DELTA*= .2313 CM THETA= .0340 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.071418	.000000	1.000000	.502106	.000000
2	.012700	.071127	.000000	1.000000	.502106	.000000
3	.025400	.071644	.042557	1.000000	.502559	.067178
4	.038100	.072309	.084264	1.000000	.503868	.133189
5	.050800	.072900	.108397	1.000000	.505061	.171532
6	.063500	.073565	.130088	1.000000	.506373	.206124
7	.076200	.075412	.176019	1.000000	.509973	.279891
8	.088900	.079475	.245789	1.000000	.517677	.393775
9	.101600	.083686	.298225	1.000000	.525370	.481318
10	.114300	.087898	.340111	1.000000	.532792	.552783
11	.127000	.092109	.375252	1.000000	.539963	.613990
12	.139700	.098684	.421009	1.000000	.550706	.695675
13	.152400	.106737	.466726	1.000000	.563188	.779910
14	.165100	.115233	.506548	1.000000	.575648	.855766
15	.177800	.126684	.550796	1.000000	.591443	.943199
16	.190500	.137840	.588465	1.000000	.606713	1.020628
17	.203200	.150916	.620389	1.000000	.621134	1.088710
18	.215900	.166578	.657081	1.000000	.639600	1.170115
19	.228600	.182462	.689937	1.000000	.658072	1.246240
20	.241300	.200193	.722317	1.000000	.678313	1.324642
21	.254000	.219106	.752882	1.000000	.699528	1.402120
22	.266700	.239053	.782109	1.000000	.721997	1.479758
23	.279400	.261069	.810822	1.000000	.746439	1.559834
24	.292100	.281977	.835481	1.000000	.769563	1.631977
25	.304800	.305840	.861266	1.000000	.796143	1.711151
26	.317500	.325861	.880863	1.000000	.818196	1.774160
27	.330200	.351054	.903484	1.000000	.845898	1.850269
28	.342900	.373513	.921983	1.000000	.870558	1.915479
29	.355600	.398188	.940733	1.000000	.897620	1.984579
30	.368300	.422864	.958034	1.000000	.924657	2.051289
31	.381000	.445397	.972895	1.000000	.949644	2.111068
32	.393700	.469481	.987532	1.000000	.976018	2.172380
33	.406400	.493344	1.001073	1.000000	1.002135	2.231437
34	.419100	.510186	1.010108	1.000000	1.020563	2.272184
35	.431800	.528436	1.019447	1.000000	1.040521	2.315505
36	.444500	.538410	1.024366	1.000000	1.051427	2.338839
37	.457200	.547128	1.028563	1.000000	1.060958	2.359042
38	.469900	.552299	1.031009	1.000000	1.066612	2.370945
39	.482600	.555624	1.032565	1.000000	1.070246	2.378565
40	.495300	.556954	1.033184	1.000000	1.071700	2.381606
41	.508000	.557840	1.033595	1.000000	1.072669	2.383631
42	.520700	.557840	1.033595	1.000000	1.072669	2.383631
43	.546100	.552964	1.031322	1.000000	1.067339	2.372471

ID NO. 11316-024

STATION X= 4.27 CM PTO= 23.670 N/SQ CM TTO=303.28K
R= 2.576 CM PWALL= 1.7862 N/SQ CM CF= .00020 PI =*.434
UE= 385.2 M/SEC RHOE=.00843 KG/CUB M RE= 7.014E6 /M
DELTA= .292 CM DELTA*= .1868 CM THETA= .0266 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.075463	.000000	1.000000	.756245	.000000
2	.012700	.072088	.000000	1.000000	.756245	.000000
3	.025400	.072457	.000000	1.000000	.756245	.000000
4	.038100	.072752	.000000	1.000000	.756245	.000000
5	.050800	.072974	.000000	1.000000	.756245	.000000
6	.063500	.073270	.000000	1.000000	.756245	.000000
7	.076200	.074452	.000000	1.000000	.756245	.000000
8	.088900	.075338	.000000	1.000000	.756245	.000000
9	.101600	.076890	.147956	1.000000	.760302	.163778
10	.114300	.078737	.222423	1.000000	.765476	.247045
11	.127000	.081987	.309920	1.000000	.774375	.346222
12	.139700	.084869	.367958	1.000000	.782055	.413092
13	.152400	.089006	.434715	1.000000	.792763	.491368
14	.165100	.093512	.493779	1.000000	.804030	.562081
15	.177800	.098536	.548708	1.000000	.816142	.629295
16	.190500	.105481	.611829	1.000000	.832178	.708547
17	.203200	.112647	.666106	1.000000	.847954	.778681
18	.215900	.120330	.715560	1.000000	.864091	.844416
19	.228600	.131043	.773599	1.000000	.885405	.924097
20	.241300	.141755	.822343	1.000000	.905508	.993412
21	.254000	.154093	.867408	1.000000	.926090	1.059694
22	.266700	.167169	.912212	1.000000	.948669	1.127934
23	.279400	.184014	.962157	1.000000	.976626	1.207092
24	.292100	.198272	1.000000	1.000000	1.000000	1.269493
25	.304800	.215929	1.042370	1.000000	1.028693	1.342132
26	.317500	.234399	1.081937	1.000000	1.058183	1.412905
27	.330200	.256784	1.125514	1.000000	1.094080	1.494533
28	.342900	.276584	1.160041	1.000000	1.125397	1.562271
29	.355600	.297935	1.194047	1.000000	1.159055	1.631938
30	.368300	.321650	1.228829	1.000000	1.196733	1.706556
31	.381000	.347951	1.263522	1.000000	1.238024	1.784751
32	.393700	.372552	1.293124	1.000000	1.276577	1.854786
33	.406400	.393460	1.316399	1.000000	1.309299	1.912218
34	.419100	.419022	1.342793	1.000000	1.349263	1.980103
35	.431800	.442589	1.365343	1.000000	1.386075	2.040635
36	.444500	.466452	1.386886	1.000000	1.423792	2.100847
37	.457200	.488985	1.405700	1.000000	1.458968	2.155468
38	.469900	.514178	1.425405	1.000000	1.498276	2.214953
39	.482600	.565228	1.461589	1.000000	1.577875	2.330729
40	.495300	.652774	1.514157	1.000000	1.714257	2.516744
41	.508000	.689788	1.533470	1.000000	1.771883	2.591332
42	.520700	.698062	1.537585	1.000000	1.784763	2.607712
43	.546100	.708257	1.542558	1.000000	1.800632	2.627752

ID NO. 11316-025

STATION X= 4.53 CM PTO= 23.670 N/SQ CM TTO=303.28K
R= 2.576 CM PWALL= 1.8083 N/SQ CM CF= .00045 PT =*.855
UE= 331.5 M/SEC RHOE=.00814 KG/CUB M RE= 5.45656 /M
DELTA= .292 CM DELTA*= .1987 CM THETA= .0250 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.073930	.000000	1.000000	.819510	.000000
2	.012700	.074304	.000000	1.000000	.819510	.000000
3	.025400	.074599	.000000	1.000000	.819510	.000000
4	.038100	.074747	.000000	1.000000	.819510	.000000
5	.050800	.074821	.000000	1.000000	.819510	.000000
6	.063500	.074895	.000000	1.000000	.819510	.000000
7	.076200	.075338	.000000	1.000000	.819510	.000000
8	.088900	.076077	.000000	1.000000	.819510	.000000
9	.101600	.076890	.000000	1.000000	.819510	.000000
10	.114300	.078367	.000000	1.000000	.819510	.000000
11	.127000	.080146	.155027	1.000000	.823081	.147592
12	.139700	.082061	.247465	1.000000	.828670	.236395
13	.152400	.084869	.337118	1.000000	.836672	.323589
14	.165100	.087971	.411146	1.000000	.845301	.396676
15	.177800	.090779	.465872	1.000000	.852922	.451497
16	.190500	.094621	.528873	1.000000	.863082	.515598
17	.203200	.099053	.589978	1.000000	.874446	.578944
18	.215900	.103781	.645595	1.000000	.886174	.637755
19	.228600	.110431	.711969	1.000000	.902038	.709590
20	.241300	.117671	.772919	1.000000	.918554	.777257
21	.254000	.125723	.830670	1.000000	.936091	.843377
22	.266700	.135475	.890195	1.000000	.956287	.913509
23	.279400	.145080	.940457	1.000000	.975185	.974577
24	.292100	.157861	1.000000	1.000000	1.000000	1.049383
25	.304800	.171381	1.047586	1.000000	1.021930	1.111307
26	.317500	.186082	1.097673	1.000000	1.047257	1.178782
27	.330200	.204109	1.152929	1.000000	1.078183	1.256269
28	.342900	.223613	1.205722	1.000000	1.111034	1.333660
29	.355600	.245703	1.258548	1.000000	1.147589	1.414806
30	.368300	.271486	1.313831	1.000000	1.190375	1.504234
31	.381000	.299117	1.365937	1.000000	1.235607	1.593326
32	.393700	.332362	1.421741	1.000000	1.290227	1.694679
33	.406400	.367898	1.473854	1.000000	1.348029	1.795718
34	.419100	.411043	1.529222	1.000000	1.418031	1.910942
35	.431800	.445840	1.568729	1.000000	1.474398	1.998885
36	.444500	.489798	1.613556	1.000000	1.546001	2.105342
37	.457200	.528584	1.648655	1.000000	1.608721	2.194341
38	.469900	.575423	1.686676	1.000000	1.684402	2.297146
39	.482600	.616869	1.716941	1.000000	1.751326	2.384365
40	.495300	.651592	1.740195	1.000000	1.807370	2.455022
41	.508000	.680405	1.758203	1.000000	1.853860	2.512126
42	.520700	.696289	1.767673	1.000000	1.879484	2.543052
43	.546100	.714832	1.778346	1.000000	1.909394	2.578683

STATION X= 4.91 CM PTO= 23.670 N/SQ CM TTO=303.28K
F= 2.576 CM PWALL= 1.9880 N/SQ CM CF= .00037 PI =*.957
UE= 363.0 M/SEC RHOE=.00906 KG/CUB M RE= 6.897E6 /M
DELTA= .292 CM DELTA*= .1988 CM THETA= .0252 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.083986	.000000	1.000000	.783521	.000000
2	.012700	.082283	.000000	1.000000	.783521	.000000
3	.025400	.082726	.000000	1.000000	.783521	.000000
4	.038100	.082948	.000000	1.000000	.783521	.000000
5	.050800	.083169	.000000	1.000000	.783521	.000000
6	.063500	.083317	.000000	1.000000	.783521	.000000
7	.076200	.083391	.000000	1.000000	.783521	.000000
8	.088900	.083391	.000000	1.000000	.783521	.000000
9	.101600	.083391	.000000	1.000000	.783521	.000000
10	.114300	.083465	.000000	1.000000	.783521	.000000
11	.127000	.087898	.244313	1.000000	.793778	.255637
12	.139700	.090705	.316962	1.000000	.800941	.333406
13	.152400	.093069	.365463	1.000000	.806850	.385840
14	.165100	.095729	.411742	1.000000	.813372	.436452
15	.177800	.100014	.474191	1.000000	.823612	.505803
16	.190500	.104594	.529834	1.000000	.834218	.568783
17	.203200	.110431	.589505	1.000000	.847261	.637768
18	.215900	.117006	.646163	1.000000	.861378	.704865
19	.228600	.125576	.708192	1.000000	.878951	.780370
20	.241300	.135106	.765969	1.000000	.897514	.852901
21	.254000	.147296	.827660	1.000000	.919942	.933038
22	.266700	.160742	.887342	1.000000	.944514	1.013589
23	.279400	.177734	.941641	1.000000	.969644	1.089830
24	.292100	.197164	1.000000	1.000000	1.000000	1.175349
25	.304800	.216373	1.050763	1.000000	1.029614	1.253167
26	.317500	.242230	1.110183	1.000000	1.068649	1.348897
27	.330200	.262325	1.150890	1.000000	1.098502	1.417756
28	.342900	.290695	1.202770	1.000000	1.140779	1.509908
29	.355600	.319951	1.249783	1.000000	1.183801	1.598237
30	.368300	.350463	1.293892	1.000000	1.228897	1.685865
31	.381000	.380753	1.332899	1.000000	1.273190	1.767709
32	.393700	.413186	1.370584	1.000000	1.320516	1.851162
33	.406400	.444067	1.403141	1.000000	1.365505	1.927147
34	.419100	.474431	1.432437	1.000000	1.409686	1.998959
35	.431800	.502357	1.457308	1.000000	1.450283	2.062741
36	.444500	.524004	1.475644	1.000000	1.482223	2.111569
37	.457200	.541587	1.489600	1.000000	1.507775	2.149834
38	.469900	.557027	1.501365	1.000000	1.530207	2.182872
39	.482600	.568700	1.509972	1.000000	1.547160	2.207514
40	.495300	.579930	1.518030	1.000000	1.563467	2.230959
41	.508000	.589904	1.525011	1.000000	1.577947	2.251573
42	.520700	.598473	1.530882	1.000000	1.590387	2.269135
43	.546100	.615392	1.542142	1.000000	1.614942	2.303404

ID NO. 11316-027

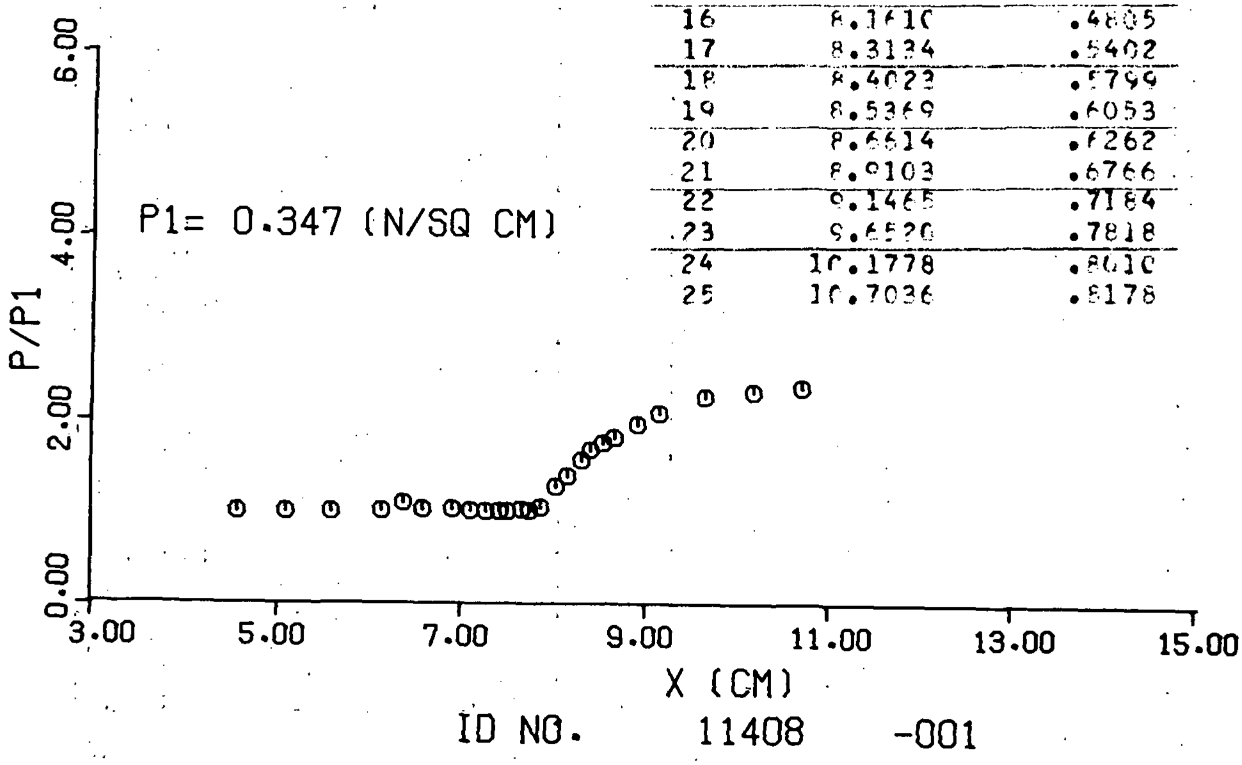
STATION X= 6.43 CM PTO= 23.670 N/SQ CM TTO=303.28K
R= 2.576 CM PWALL= 2.4886 N/SQ CM CF= .00050 PI =6.429
UE= 515.1 M/SEC RHOE=.01574 KG/CUB M RE= 22.512E6 /M
DELTA= .350 CM DELTA*= .1554 CM THETA= .0348 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.105135	.000000	1.000000	.564248	.000000
2	.012700	.119739	.289346	1.000000	.585612	.435104
3	.025400	.122916	.316547	1.000000	.590010	.477791
4	.038100	.127275	.349206	1.000000	.595913	.529717
5	.050800	.131043	.374142	1.000000	.600901	.569912
6	.063500	.134884	.397114	1.000000	.605883	.607406
7	.076200	.140721	.428263	1.000000	.613260	.659026
8	.088900	.146336	.454842	1.000000	.620154	.703849
9	.101600	.155127	.491323	1.000000	.630578	.766666
10	.114300	.165618	.528616	1.000000	.642479	.832605
11	.127000	.176921	.563113	1.000000	.654713	.895346
12	.139700	.191623	.601410	1.000000	.669817	.967205
13	.152400	.207138	.637873	1.000000	.685848	1.038049
14	.165100	.226051	.670092	1.000000	.701506	1.102859
15	.177800	.247106	.705288	1.000000	.720399	1.176313
16	.190500	.271338	.741276	1.000000	.741886	1.254638
17	.203200	.297935	.776088	1.000000	.765039	1.333897
18	.215900	.328890	.811740	1.000000	.791512	1.419109
19	.228600	.361914	.845848	1.000000	.819845	1.504970
20	.241300	.395011	.876151	1.000000	.847857	1.585295
21	.254000	.437270	.910877	1.000000	.883767	1.682668
22	.266700	.471402	.935848	1.000000	.912486	1.756662
23	.279400	.505756	.958802	1.000000	.941335	1.827978
24	.292100	.535898	.977381	1.000000	.966612	1.888251
25	.304800	.556363	.989252	1.000000	.983757	1.928061
26	.317500	.569587	.996630	1.000000	.994830	1.953342
27	.330200	.574685	.999415	1.000000	.999098	1.962998
28	.342900	.576679	1.000496	1.000000	1.000767	1.966763
29	.355600	.574685	.999415	1.000000	.999098	1.962998
30	.368300	.571803	.997845	1.000000	.996686	1.957546
31	.381000	.567962	.995735	1.000000	.993470	1.950253
32	.393700	.563233	.993113	1.000000	.989511	1.941238
33	.406400	.558357	.990379	1.000000	.985428	1.931896
34	.419100	.553703	.987741	1.000000	.981530	1.922935
35	.431800	.549196	.985160	1.000000	.977755	1.914218
36	.444500	.544173	.982249	1.000000	.973546	1.904451
37	.457200	.539740	.979653	1.000000	.969832	1.895790
38	.469900	.534790	.976721	1.000000	.965683	1.886070
39	.482600	.530801	.974333	1.000000	.962339	1.878199
40	.495300	.526072	.971473	1.000000	.958376	1.868825
41	.508000	.521566	.968717	1.000000	.954597	1.859844
42	.520700	.516394	.965516	1.000000	.950260	1.849484
43	.546100	.504278	.957856	1.000000	.940095	1.824971

ID NO. 11408-001

PTO= 25.1077 N/SQ CM
TTO= 304.3333 K
PBAR= 762.6000 MMHG
TMAI= 298.5000 K

I	X(CM)	P(N/SQ CM)
1	4.5720	.3465
2	5.0952	.3465
3	5.5829	.3452
4	6.1417	.3500
5	6.3779	.3784
6	6.5888	.3544
7	6.9139	.3551
8	7.1069	.3503
9	7.2771	.3486
10	7.4219	.3476
11	7.5133	.3476
12	7.6632	.3554
13	7.7495	.3506
14	7.8740	.3633
15	8.0366	.4425
16	8.1610	.4805
17	8.3134	.5402
18	8.4023	.5799
19	8.5369	.6053
20	8.6614	.6262
21	8.9103	.6766
22	9.1465	.7184
23	9.6520	.7818
24	10.1778	.8010
25	10.7036	.8178



ID NO. 11408-002

STATION X= 6.38 CM PTO= 25.105 N/SQ CM TTO=304.39K
R= 2.581 CM PWALL= .3524 N/SQ CM CF= .00177 PI = .441
UE= 672.3 M/SEC RHOE=.00481 KG/CUB M RE= 19.192E6 /M
DELTA= .368 CM DELTA*= .1175 CM THETA= .0147 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.014037	.000000	1.000000	.260415	.000000
2	.012700	.047446	.644341	1.000000	.375810	1.488490
3	.025400	.066741	.733048	1.000000	.432169	1.815955
4	.038100	.077329	.768992	1.000000	.462839	1.971438
5	.050800	.086245	.794656	1.000000	.488613	2.093186
6	.063500	.093698	.813706	1.000000	.510310	2.190437
7	.076200	.100872	.830081	1.000000	.531025	2.279417
8	.088900	.107838	.844521	1.000000	.551124	2.362551
9	.101600	.115640	.859230	1.000000	.573624	2.452275
10	.114300	.123929	.873398	1.000000	.597520	2.544102
11	.127000	.132218	.886271	1.000000	.621407	2.632696
12	.139700	.141691	.899718	1.000000	.648909	2.731142
13	.152400	.149423	.909673	1.000000	.671191	2.808373
14	.165100	.159871	.921968	1.000000	.701296	2.909461
15	.177800	.167255	.929949	1.000000	.722566	2.978817
16	.190500	.177842	.940499	1.000000	.753061	3.075527
17	.203200	.187873	.949637	1.000000	.781947	3.164409
18	.215900	.196441	.956861	1.000000	.806618	3.238390
19	.228600	.205844	.964241	1.000000	.833693	3.317682
20	.241300	.215944	.971594	1.000000	.862771	3.400781
21	.254000	.224164	.977244	1.000000	.886696	3.467661
22	.266700	.231338	.981860	1.000000	.907358	3.524400
23	.279400	.239418	.986789	1.000000	.930628	3.587222
24	.292100	.245200	.990153	1.000000	.947276	3.631504
25	.304800	.250772	.993274	1.000000	.963323	3.673679
26	.317500	.254186	.995131	1.000000	.973151	3.699273
27	.330200	.257947	.997130	1.000000	.983982	3.727275
28	.342900	.260942	.998688	1.000000	.992607	3.749423
29	.355600	.262475	.999473	1.000000	.997019	3.760704
30	.368300	.263519	1.000005	1.000000	1.000028	3.768376
31	.381000	.264355	1.000427	1.000000	1.002434	3.774502
32	.393700	.264773	1.000638	1.000000	1.003638	3.777562
33	.406400	.265122	1.000813	1.000000	1.004641	3.780109
34	.419100	.265400	1.000953	1.000000	1.005443	3.782146
35	.431800	.265748	1.001127	1.000000	1.006446	3.784691
36	.444500	.266097	1.001301	1.000000	1.007449	3.787234
37	.457200	.266166	1.001336	1.000000	1.007649	3.787742
38	.469900	.266445	1.001474	1.000000	1.008451	3.789775
39	.482600	.266306	1.001405	1.000000	1.008050	3.788758
40	.495300	.266306	1.001405	1.000000	1.008050	3.788758
41	.508000	.266306	1.001405	1.000000	1.008050	3.788758
42	.520700	.266306	1.001405	1.000000	1.008050	3.788758
43	.533400	.266027	1.001266	1.000000	1.007248	3.786725

ID NO. 11408-003

STATION X= 6.60 CM PTO= 25.105 N/SQ CM TTO=304.39K
R= 2.581 CM PWALL= .3545 N/SQ CM CF= .00178 PI = .439
UE= 671.3 M/SEC RHOE=.00480 KG/CUB M RE= 18.935E6 /M
DELTA= .371 CM DELTA*= .1177 CM THETA= .0148 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.014119	.000000	1.000000	.262651	.000000
2	.012700	.046401	.637716	1.000000	.375144	1.463383
3	.025400	.066880	.733227	1.000000	.435151	1.812135
4	.038100	.076722	.773034	1.000000	.469545	1.984585
5	.050800	.086384	.794886	1.000000	.491754	2.088386
6	.063500	.093141	.812280	1.000000	.511494	2.176497
7	.076200	.100315	.828842	1.000000	.532267	2.265524
8	.088900	.107281	.843443	1.000000	.552423	2.348681
9	.101600	.115291	.858691	1.000000	.575591	2.440765
10	.114300	.123371	.872631	1.000000	.598949	2.530217
11	.127000	.132427	.886781	1.000000	.625116	2.626812
12	.139700	.140228	.897991	1.000000	.647663	2.707981
13	.152400	.149353	.909885	1.000000	.674233	2.799135
14	.165100	.159035	.921378	1.000000	.702207	2.892695
15	.177800	.167255	.930338	1.000000	.725950	2.969794
16	.190500	.177146	.940270	1.000000	.754518	3.059986
17	.203200	.184669	.947270	1.000000	.776242	3.126832
18	.215900	.195047	.956231	1.000000	.806211	3.216766
19	.228600	.204381	.963675	1.000000	.833160	3.295542
20	.241300	.212670	.969848	1.000000	.857090	3.363948
21	.254000	.221238	.975839	1.000000	.881822	3.433215
22	.266700	.229736	.981485	1.000000	.906623	3.501300
23	.279400	.236493	.985693	1.000000	.926135	3.553946
24	.292100	.242832	.989467	1.000000	.944439	3.602635
25	.304800	.247708	.992262	1.000000	.958518	3.639643
26	.317500	.252862	.995121	1.000000	.973402	3.678361
27	.330200	.256415	.997037	1.000000	.983659	3.704808
28	.342900	.258435	.998107	1.000000	.989491	3.719763
29	.355600	.260733	.999308	1.000000	.996128	3.736707
30	.368300	.261848	.999883	1.000000	.999346	3.744895
31	.381000	.263032	1.000491	1.000000	1.002765	3.753575
32	.393700	.264077	1.001023	1.000000	1.005782	3.761217
33	.406400	.264564	1.001271	1.000000	1.007190	3.764778
34	.419100	.264773	1.001376	1.000000	1.007793	3.766303
35	.431800	.264913	1.001447	1.000000	1.008195	3.767319
36	.444500	.265052	1.001517	1.000000	1.008598	3.768336
37	.457200	.265052	1.001517	1.000000	1.008598	3.768336
38	.469900	.265052	1.001517	1.000000	1.008598	3.768336
39	.482600	.265052	1.001517	1.000000	1.008598	3.768336
40	.495300	.265609	1.001798	1.000000	1.010207	3.772397
41	.508000	.266863	1.002426	1.000000	1.013827	3.781520
42	.520700	.271391	1.004654	1.000000	1.026899	3.814282
43	.533400	.287342	1.012037	1.000000	1.072951	3.927522

STATION X= 6.86 CM PTO= 25.105 N/SQ CM TTO=304.39K
R= 2.581 CM PWALL= .3552 N/SQ CM CF= .00176 PI = .468
UE= 671.0 M/SEC RHOE=.00480 KG/CUB M RE= 18.864E6 /M
DELTA= .375 CM DELTA*= .1199 CM THETA= .0151 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.014147	.000000	1.000000	.263311	.000000
2	.012700	.046680	.639102	1.000000	.376643	1.466993
3	.025400	.066044	.729925	1.000000	.433434	1.797351
4	.038100	.076702	.766686	1.000000	.464419	1.954185
5	.050800	.084364	.789281	1.000000	.486649	2.059360
6	.063500	.091678	.808614	1.000000	.508017	2.155624
7	.076200	.097738	.823021	1.000000	.525577	2.231631
8	.088900	.104007	.836703	1.000000	.543733	2.307581
9	.101600	.112575	.853665	1.000000	.568531	2.407453
10	.114300	.120585	.867967	1.000000	.591705	2.497174
11	.127000	.128387	.880654	1.000000	.614266	2.581527
12	.139700	.136885	.893269	1.000000	.638833	2.670353
13	.152400	.145801	.905427	1.000000	.664820	2.761206
14	.165100	.153602	.915118	1.000000	.687376	2.837704
15	.177800	.164956	.927974	1.000000	.720195	2.945466
16	.190500	.172827	.936126	1.000000	.742943	3.017902
17	.203200	.183554	.946362	1.000000	.773940	3.113894
18	.215900	.193097	.954718	1.000000	.801512	3.196856
19	.228600	.202361	.962235	1.000000	.828276	3.275379
20	.241300	.210511	.968412	1.000000	.851817	3.342924
21	.254000	.219497	.974797	1.000000	.877772	3.415844
22	.266700	.227647	.980297	1.000000	.901579	3.481388
23	.279400	.235448	.985217	1.000000	.924121	3.542331
24	.292100	.241090	.988614	1.000000	.940423	3.585759
25	.304800	.248056	.992633	1.000000	.960548	3.638657
26	.317500	.251121	.994343	1.000000	.969403	3.661690
27	.330200	.255788	.996883	1.000000	.982886	3.696485
28	.342900	.258713	.998437	1.000000	.991338	3.718131
29	.355600	.260733	.999493	1.000000	.997174	3.733004
30	.368300	.261360	.999818	1.000000	.998985	3.737607
31	.381000	.262266	1.000286	1.000000	1.001601	3.744247
32	.393700	.262893	1.000608	1.000000	1.003412	3.748836
33	.406400	.263241	1.000786	1.000000	1.004419	3.751384
34	.419100	.263589	1.000964	1.000000	1.005425	3.753929
35	.431800	.264704	1.001530	1.000000	1.008644	3.762064
36	.444500	.269928	1.004135	1.000000	1.023737	3.799962
37	.457200	.288874	1.012919	1.000000	1.078468	3.934337
38	.469900	.312627	1.022658	1.000000	1.147078	4.096565
39	.482600	.318687	1.024945	1.000000	1.164582	4.136934
40	.495300	.319732	1.025332	1.000000	1.167600	4.143855
41	.508000	.320037	1.025666	1.000000	1.170216	4.149843
42	.520700	.322379	1.026303	1.000000	1.175245	4.161335
43	.533400	.323772	1.026808	1.000000	1.179269	4.170565

ID NO. 11408-005

STATION X= 7.14 CM PTO= 25.105 N/SQ CM TTO=304.39K

R= 2.581 CM PWALL= .3504 N/SQ CM CF= .00137 PI = .568

UE= 689.9 M/SEC RHOE=.00564 KG/CUB M RE= 27.636E6 /M

DELTA= .474 CM DELTA*= .1673 CM THETA= .0175 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHUE	M
1	.000000	.013955	.000000	1.000000	.221036	.000000
2	.012700	.044312	.611326	1.000000	.311807	1.432940
3	.025400	.064094	.705843	1.000000	.361224	1.780774
4	.038100	.074891	.743180	1.000000	.387942	1.943076
5	.050800	.082414	.765336	1.000000	.406518	2.048349
6	.063500	.089449	.783925	1.000000	.424012	2.142770
7	.076200	.096275	.800058	1.000000	.440845	2.229855
8	.088900	.103101	.814709	1.000000	.457668	2.313609
9	.101600	.109928	.828083	1.000000	.474481	2.394394
10	.114300	.117938	.842369	1.000000	.494202	2.485805
11	.127000	.125252	.854261	1.000000	.512201	2.566394
12	.139700	.133820	.866983	1.000000	.533279	2.657663
13	.152400	.142527	.878845	1.000000	.554875	2.748034
14	.165100	.150816	.889099	1.000000	.575269	2.830727
15	.177800	.159523	.899001	1.000000	.596687	2.915047
16	.190500	.167673	.907556	1.000000	.616730	2.991806
17	.203200	.179445	.918850	1.000000	.645677	3.099307
18	.215900	.187385	.925842	1.000000	.665201	3.169755
19	.228600	.197276	.933931	1.000000	.689518	3.255365
20	.241300	.206262	.940745	1.000000	.711606	3.331223
21	.254000	.216153	.947721	1.000000	.735917	3.412770
22	.266700	.224860	.953510	1.000000	.757543	3.483702
23	.279400	.233846	.959060	1.000000	.779636	3.554709
24	.292100	.239836	.962572	1.000000	.794364	3.601266
25	.304800	.246872	.966518	1.000000	.811661	3.655185
26	.317500	.251539	.969035	1.000000	.823135	3.690518
27	.330200	.255439	.971082	1.000000	.832724	3.719791
28	.342900	.259549	.973183	1.000000	.842827	3.750385
29	.355600	.261221	.974022	1.000000	.846937	3.762759
30	.368300	.266375	.976554	1.000000	.859609	3.800656
31	.381000	.278356	.982136	1.000000	.889060	3.887313
32	.393700	.306567	.993823	1.000000	.958402	4.084089
33	.406400	.317364	.997828	1.000000	.984939	4.156930
34	.419100	.318408	.998204	1.000000	.987507	4.163911
35	.431800	.319802	.998701	1.000000	.990931	4.173201
36	.444500	.320777	.999047	1.000000	.993328	4.179692
37	.457200	.322240	.999562	1.000000	.996923	4.189410
38	.469900	.323215	.999903	1.000000	.999320	4.195875
39	.482600	.324260	1.000267	1.000000	1.001888	4.202792
40	.495300	.325722	1.000773	1.000000	1.005483	4.212456
41	.508000	.327394	1.001347	1.000000	1.009592	4.223474
42	.520700	.328160	1.001608	1.000000	1.011475	4.228514
43	.533400	.329344	1.002010	1.000000	1.014386	4.236291

ID NO. 11408-006

STATION X= 7.39 CM PTO= 25.105 N/SQ CM TTO=104.39K
R= 2.581 CM PWALL= .3476 N/SQ CM CF= .00132 PI = .654
UE= 691.8 M/SEC RHOE=.00570 KG/CUB M RE= 28.644E6 /M
DELTA= .442 CM DELTA*= .1611 CM THETA= .0164 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.013846	.000000	1.000000	.216813	.000000
2	.012700	.045008	.615884	1.000000	.308443	1.453655
3	.025400	.064233	.706383	1.000000	.355893	1.790916
4	.038100	.074403	.741484	1.000000	.380771	1.944505
5	.050800	.081926	.763707	1.000000	.399135	2.050510
6	.063500	.088125	.780245	1.000000	.414390	2.134573
7	.076200	.094116	.794687	1.000000	.428996	2.212066
8	.088900	.100733	.809261	1.000000	.445120	2.294577
9	.101600	.108535	.824840	1.000000	.464119	2.388140
10	.114300	.115222	.837001	1.000000	.480396	2.465477
11	.127000	.123511	.850758	1.000000	.500564	2.558063
12	.139700	.131660	.863050	1.000000	.520386	2.645905
13	.152400	.138835	.873086	1.000000	.538007	2.721611
14	.165100	.148378	.885190	1.000000	.561219	2.818241
15	.177800	.158130	.896416	1.000000	.584935	2.913656
16	.190500	.166976	.905730	1.000000	.606444	2.997571
17	.203200	.176589	.915032	1.000000	.629813	3.086154
18	.215900	.186689	.924000	1.000000	.654364	3.176557
19	.228600	.195256	.931033	1.000000	.675187	3.251266
20	.241300	.204521	.938112	1.000000	.697701	3.330155
21	.254000	.212879	.944075	1.000000	.718013	3.399758
22	.266700	.222283	.950411	1.000000	.741082	3.477120
23	.279400	.230224	.955386	1.000000	.760385	3.540553
24	.292100	.241021	.961722	1.000000	.786628	3.625013
25	.304800	.257041	.970313	1.000000	.825567	3.746826
26	.317500	.285949	.983771	1.000000	.892819	3.957121
27	.330200	.305801	.991764	1.000000	.944060	4.095279
28	.342900	.311582	.993930	1.000000	.958109	4.134645
29	.355600	.316946	.995878	1.000000	.971141	4.170832
30	.368300	.320777	.997236	1.000000	.980450	4.196489
31	.381000	.323215	.998086	1.000000	.986374	4.212734
32	.393700	.325304	.998806	1.000000	.991452	4.226609
33	.406400	.326558	.999234	1.000000	.994498	4.234912
34	.419100	.327603	.999589	1.000000	.997037	4.241819
35	.431800	.328439	.999871	1.000000	.999068	4.247337
36	.444500	.328927	1.000035	1.000000	1.000253	4.250552
37	.457200	.329762	1.000315	1.000000	1.002284	4.256058
38	.469900	.330877	1.000687	1.000000	1.004992	4.263388
39	.482600	.330947	1.000710	1.000000	1.005161	4.263846
40	.495300	.330947	1.000710	1.000000	1.005161	4.263846
41	.508000	.331156	1.000780	1.000000	1.005669	4.265219
42	.520700	.331573	1.000919	1.000000	1.006684	4.267963
43	.533400	.332200	1.001126	1.000000	1.008208	4.272076

ID NO. 11408-007

STATION X= 7.62 CM PTO= 25.105 N/SQ CM TTO=304.39K
R= 2.581 CM PWALL= .3490 N/SQ CM CF= .00128 PI = .767
UE= 692.3 M/SEC RHOE=.00576 KG/CUB M RE= 29.128E6 /M
DELTA= .398 CM DELTA*= .1517 CM THETA= .0152 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.013901	.000000	1.000000	.215588	.00000
2	.012700	.043476	.604952	1.000000	.302396	1.41891
3	.025400	.062910	.699789	1.000000	.350054	1.76595
4	.038100	.073776	.738000	1.000000	.376392	1.93117
5	.050800	.081508	.761051	1.000000	.395088	2.04035
6	.063500	.087707	.777704	1.000000	.410199	2.12450
7	.076200	.093907	.792728	1.000000	.425171	2.20471
8	.088900	.100385	.807060	1.000000	.440806	2.28546
9	.101600	.107002	.820448	1.000000	.456768	2.36507
10	.114300	.113898	.833228	1.000000	.473395	2.44523
11	.127000	.122326	.847440	1.000000	.493708	2.53974
12	.139700	.129989	.859197	1.000000	.512168	2.62267
13	.152400	.138278	.870930	1.000000	.532304	2.71024
14	.165100	.145940	.880809	1.000000	.550765	2.78811
15	.177800	.155831	.892478	1.000000	.574591	2.88550
16	.190500	.165165	.902511	1.000000	.597070	2.97447
17	.203200	.176171	.913284	1.000000	.623570	3.07605
18	.215900	.192610	.927573	1.000000	.663146	3.22179
19	.228600	.212113	.942226	1.000000	.710090	3.38654
20	.241300	.236493	.957830	1.000000	.768994	3.58257
21	.254000	.255021	.968004	1.000000	.813598	3.72415
22	.266700	.267281	.974092	1.000000	.843109	3.81493
23	.279400	.281073	.980411	1.000000	.876306	3.91454
24	.292100	.293402	.985636	1.000000	.905981	4.00148
25	.304800	.303084	.989487	1.000000	.929284	4.06845
26	.317500	.311304	.992598	1.000000	.949065	4.12445
27	.330200	.317851	.994977	1.000000	.964824	4.16852
28	.342900	.321961	.996429	1.000000	.974714	4.19594
29	.355600	.324260	.997227	1.000000	.980246	4.21121
30	.368300	.327812	.998442	1.000000	.988795	4.23468
31	.381000	.330250	.999262	1.000000	.994663	4.25072
32	.393700	.331922	.999819	1.000000	.998686	4.26168
33	.406400	.333315	1.000280	1.000000	1.002038	4.27079
34	.419100	.333942	1.000486	1.000000	1.003547	4.27489
35	.431800	.334708	1.000737	1.000000	1.005391	4.27989
36	.444500	.335544	1.001009	1.000000	1.007403	4.28533
37	.457200	.335822	1.001100	1.000000	1.008073	4.28715
38	.469900	.336658	1.001371	1.000000	1.010085	4.29258
39	.482600	.337494	1.001641	1.000000	1.012096	4.29801
40	.495300	.338818	1.002066	1.000000	1.015281	4.30660
41	.508000	.339584	1.002311	1.000000	1.017125	4.31156
42	.520700	.340002	1.002444	1.000000	1.018131	4.31427
43	.533400	.340002	1.002444	1.000000	1.018131	4.31427

STATION X= 7.90 CM PTO= 25.105 N/SQ CM TTO=304.39K
R= 2.581 CM PWALL= .3634 N/SQ CM CF= .00134 PI = .815
UE= 687.9 M/SEC RHOE=.00573 KG/CUB M RE= 27.369E6 /M
DELTA= .345 CM DELTA*= .1351 CM THETA= .0141 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.014474	.000000	1.000000	.225597	.000000
2	.012700	.044451	.603958	1.000000	.314410	1.402997
3	.025400	.063397	.696206	1.000000	.361160	1.733365
4	.038100	.073846	.733377	1.000000	.386631	1.889202
5	.050800	.082135	.758403	1.000000	.406787	2.003944
6	.063500	.088404	.775247	1.000000	.422009	2.086428
7	.076200	.095300	.792186	1.000000	.438890	2.174241
8	.088900	.102614	.808301	1.000000	.456634	2.262870
9	.101600	.111182	.825293	1.000000	.477405	2.362403
10	.114300	.121978	.844279	1.000000	.503564	2.482079
11	.127000	.134098	.862941	1.000000	.532913	2.609826
12	.139700	.148796	.882634	1.000000	.568673	2.757490
13	.152400	.160637	.896452	1.000000	.597340	2.870386
14	.165100	.173454	.909782	1.000000	.628361	2.987747
15	.177800	.187037	.922360	1.000000	.661228	3.107264
16	.190500	.199227	.932501	1.000000	.690720	3.210720
17	.203200	.214412	.943851	1.000000	.727452	3.335093
18	.215900	.229318	.953875	1.000000	.763732	3.453537
19	.228600	.241369	.961200	1.000000	.792889	3.545863
20	.241300	.257808	.970286	1.000000	.832660	3.668054
21	.254000	.270624	.976737	1.000000	.863666	3.760561
22	.266700	.283023	.982515	1.000000	.893660	3.847931
23	.279400	.295004	.987712	1.000000	.922640	3.930507
24	.292100	.304268	.991494	1.000000	.945049	3.993187
25	.304800	.313045	.994904	1.000000	.966278	4.051672
26	.317500	.318060	.996780	1.000000	.978408	4.084715
27	.330200	.322379	.998357	1.000000	.988854	4.112955
28	.342900	.326419	.999799	1.000000	.998625	4.139199
29	.355600	.329205	1.000777	1.000000	1.005364	4.157202
30	.368300	.331504	1.001573	1.000000	1.010924	4.171996
31	.381000	.333315	1.002193	1.000000	1.015304	4.183614
32	.393700	.334987	1.002761	1.000000	1.019347	4.194311
33	.406400	.336798	1.003370	1.000000	1.023727	4.205867
34	.419100	.338539	1.003951	1.000000	1.027939	4.216950
35	.431800	.339096	1.004136	1.000000	1.029287	4.220490
36	.444500	.340072	1.004458	1.000000	1.031645	4.226678
37	.457200	.340907	1.004733	1.000000	1.033667	4.231975
38	.469900	.342092	1.005120	1.000000	1.036531	4.239468
39	.482600	.342788	1.005347	1.000000	1.038215	4.243869
40	.495300	.343833	1.005686	1.000000	1.040742	4.250463
41	.508000	.343763	1.005663	1.000000	1.040574	4.250024
42	.520700	.343554	1.005596	1.000000	1.040069	4.248706
43	.533400	.343415	1.005551	1.000000	1.039732	4.247827

STATION X= 8.13 CM PTO= 25.105 N/SQ CM TTO=304.39K
R= 2.581 CM PWALL= .4806 N/SQ CM CF= .00150 PI = .958
UE= 661.9 M/SEC RHOE=.00604 KG/CUB M RE= 21.676E6 /M
DELTA= .312 CM DELTA*= .1185 CM THETA= .0157 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.019144	.000000	1.000000	.283094	.000000
2	.012700	.045356	.552523	1.000000	.362410	1.183592
3	.025400	.063258	.648244	1.000000	.405148	1.468237
4	.038100	.077538	.702988	1.000000	.438422	1.656325
5	.050800	.090563	.743279	1.000000	.468748	1.810808
6	.063500	.100524	.769340	1.000000	.491760	1.919757
7	.076200	.112157	.795876	1.000000	.518583	2.039416
8	.088900	.123720	.819054	1.000000	.545393	2.152379
9	.101600	.135840	.840289	1.000000	.573293	2.263957
10	.114300	.146288	.856621	1.000000	.597327	2.355841
11	.127000	.157921	.873000	1.000000	.624069	2.454040
12	.139700	.167603	.885387	1.000000	.646319	2.532841
13	.152400	.178260	.897892	1.000000	.670801	2.616808
14	.165100	.190938	.911525	1.000000	.700141	2.714017
15	.177800	.201595	.921919	1.000000	.724624	2.792544
16	.190500	.214899	.933801	1.000000	.755180	2.887559
17	.203200	.228900	.945165	1.000000	.787330	2.984264
18	.215900	.242971	.955565	1.000000	.819635	3.078374
19	.228600	.256693	.964849	1.000000	.851135	3.167451
20	.241300	.270137	.973224	1.000000	.881991	3.252343
21	.254000	.282884	.980581	1.000000	.911246	3.330831
22	.266700	.294586	.986886	1.000000	.938101	3.401285
23	.279400	.304268	.991869	1.000000	.960603	3.459215
24	.292100	.311930	.995589	1.000000	.978193	3.503833
25	.304800	.318130	.998492	1.000000	.992424	3.539519
26	.317500	.323633	1.000993	1.000000	1.005056	3.570896
27	.330200	.327185	1.002571	1.000000	1.013211	3.591006
28	.342900	.329484	1.003577	1.000000	1.018487	3.603959
29	.355600	.331643	1.004513	1.000000	1.023444	3.616084
30	.368300	.332758	1.004991	1.000000	1.026002	3.622326
31	.381000	.334499	1.005734	1.000000	1.029999	3.632058
32	.393700	.335405	1.006118	1.000000	1.032078	3.637108
33	.406400	.337843	1.007143	1.000000	1.037674	3.650670
34	.419100	.338609	1.007462	1.000000	1.039432	3.654922
35	.431800	.339654	1.007896	1.000000	1.041831	3.660712
36	.444500	.340280	1.008156	1.000000	1.043270	3.664182
37	.457200	.340698	1.008328	1.000000	1.044229	3.666493
38	.469900	.342022	1.008872	1.000000	1.047267	3.673803
39	.482600	.343067	1.009299	1.000000	1.049665	3.679563
40	.495300	.344460	1.009865	1.000000	1.052863	3.687230
41	.508000	.345505	1.010286	1.000000	1.055261	3.692969
42	.520700	.346410	1.010650	1.000000	1.057339	3.697936
43	.533400	.346619	1.010734	1.000000	1.057819	3.699081

ID NO. 11408-010

STATION X= 8.41 CM PTO= 25.105 N/SQ CM TTO=304.39K
R= 2.581 CM PWALL= .5800 N/SQ CM CF= .00172 PI = .936
UE= 639.1 M/SEC RHOE=.00622 KG/CUB M RE= 18.291E6 /M
DELTA= .270 CM DELTA*= .0958 CM THETA= .0150 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.023104	.000000	1.000000	.331578	.000000
2	.012700	.057059	.584900	1.000000	.429879	1.217510
3	.025400	.072522	.656393	1.000000	.465693	1.422106
4	.038100	.087150	.708512	1.000000	.499019	1.589000
5	.050800	.101499	.750175	1.000000	.531514	1.736352
6	.063500	.115570	.784297	1.000000	.563105	1.868499
7	.076200	.128387	.811082	1.000000	.591811	1.980952
8	.088900	.140367	.833162	1.000000	.618605	2.080433
9	.101600	.152279	.852933	1.000000	.645437	2.175502
10	.114300	.164747	.871372	1.000000	.673289	2.269979
11	.127000	.176240	.886755	1.000000	.698947	2.353658
12	.139700	.188778	.902025	1.000000	.726923	2.441632
13	.152400	.202431	.917106	1.000000	.757372	2.533915
14	.165100	.216502	.931200	1.000000	.788741	2.625596
15	.177800	.232314	.945636	1.000000	.824250	2.725656
16	.190500	.252165	.961715	1.000000	.868507	2.845448
17	.203200	.266445	.972156	1.000000	.900334	2.928567
18	.215900	.277451	.979642	1.000000	.924860	2.991044
19	.228600	.287411	.986036	1.000000	.947055	3.046479
20	.241300	.296815	.991769	1.000000	.968007	3.097899
21	.254000	.304059	.995996	1.000000	.984146	3.136933
22	.266700	.309284	.998949	1.000000	.995785	3.164783
23	.279400	.316179	1.002731	1.000000	1.011147	3.201172
24	.292100	.320220	1.004886	1.000000	1.020146	3.222299
25	.304800	.323842	1.006783	1.000000	1.028215	3.241123
26	.317500	.326210	1.008005	1.000000	1.033490	3.253372
27	.330200	.328021	1.008931	1.000000	1.037524	3.262707
28	.342900	.329693	1.009778	1.000000	1.041248	3.271301
29	.355600	.330877	1.010374	1.000000	1.043886	3.277375
30	.368300	.332479	1.011174	1.000000	1.047454	3.285574
31	.381000	.334081	1.011969	1.000000	1.051023	3.293753
32	.393700	.335474	1.012655	1.000000	1.054126	3.300848
33	.406400	.336937	1.013371	1.000000	1.057384	3.308282
34	.419100	.338260	1.014014	1.000000	1.060332	3.314993
35	.431800	.339375	1.014553	1.000000	1.062814	3.320634
36	.444500	.340489	1.015089	1.000000	1.065296	3.326266
37	.457200	.342022	1.015821	1.000000	1.068709	3.333994
38	.469900	.343415	1.016482	1.000000	1.071812	3.341003
39	.482600	.344251	1.016877	1.000000	1.073674	3.345202
40	.495300	.345505	1.017466	1.000000	1.076466	3.351490
41	.508000	.345923	1.017662	1.000000	1.077397	3.353583
42	.520700	.346898	1.018117	1.000000	1.079569	3.358463
43	.533400	.347594	1.018441	1.000000	1.081121	3.361944

ID NO. 11408-011

STATION X= 8.64 CM PTO= 25.105 N/SQ CM TTO=304.39K
R= 2.581 CM PWALL= .6263 N/SQ CM CF= .00163 PI =1.054
UE= 639.6 M/SEC RHOE=.00674 KG/CUB M RE= 19.876E6 /M
DELTA= .257 CM DELTA*= .0945 CM THETA= .0147 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.024947	.000000	1.000000	.330651	.000000
2	.012700	.062701	.590101	1.000000	.431142	1.232716
3	.025400	.078234	.655666	1.000000	.464236	1.421275
4	.038100	.090633	.697590	1.000000	.490381	1.554150
5	.050800	.104703	.737394	1.000000	.519858	1.691484
6	.063500	.119122	.771676	1.000000	.549790	1.820367
7	.076200	.132496	.799101	1.000000	.577478	1.931947
8	.088900	.147403	.825761	1.000000	.608281	2.048955
9	.101600	.161264	.847716	1.000000	.637104	2.152688
10	.114300	.177494	.870252	1.000000	.670589	2.267250
11	.127000	.193724	.890139	1.000000	.704048	2.376210
12	.139700	.209745	.907618	1.000000	.737056	2.479015
13	.152400	.226741	.924204	1.000000	.772057	2.583560
14	.165100	.244364	.939715	1.000000	.808594	2.688360
15	.177800	.262126	.953679	1.000000	.845169	2.789329
16	.190500	.279889	.966303	1.000000	.881734	2.886743
17	.203200	.294656	.975915	1.000000	.912128	2.965281
18	.215900	.307055	.983437	1.000000	.937644	3.029643
19	.228600	.318269	.989850	1.000000	.960720	3.086696
20	.241300	.329971	.996180	1.000000	.984798	3.145121
21	.254000	.336449	.999536	1.000000	.998126	3.176999
22	.266700	.338051	1.000351	1.000000	1.001422	3.184833
23	.279400	.335474	.999037	1.000000	.996120	3.172221
24	.292100	.331573	.997019	1.000000	.988094	3.153035
25	.304800	.328927	.995629	1.000000	.982648	3.139948
26	.317500	.328439	.995371	1.000000	.981645	3.137532
27	.330200	.328439	.995371	1.000000	.981645	3.137532
28	.342900	.329136	.995739	1.000000	.983078	3.140984
29	.355600	.329832	.996107	1.000000	.984511	3.144431
30	.368300	.331364	.996910	1.000000	.987664	3.152003
31	.381000	.332758	.997636	1.000000	.990530	3.158871
32	.393700	.333663	.998105	1.000000	.992393	3.163327
33	.406400	.334778	.998680	1.000000	.994686	3.168803
34	.419100	.336240	.999429	1.000000	.997696	3.175976
35	.431800	.337703	1.000174	1.000000	1.000705	3.183132
36	.444500	.338748	1.000703	1.000000	1.002855	3.188234
37	.457200	.339723	1.001194	1.000000	1.004861	3.192988
38	.469900	.340977	1.001823	1.000000	1.007441	3.199090
39	.482600	.342579	1.002620	1.000000	1.010737	3.206870
40	.495300	.344112	1.003378	1.000000	1.013889	3.214295
41	.508000	.345505	1.004062	1.000000	1.016755	3.221029
42	.520700	.346619	1.004606	1.000000	1.019048	3.226406
43	.533400	.347037	1.004810	1.000000	1.019908	3.228421

STATION X= 8.89 CM PTO= 25.105 N/SQ CM TTO=304.39K
R= 2.581 CM PWALL= .6767 N/SQ CM CF= .00154 PI =1.148
UE= 641.4 M/SEC RHOE=.00737 KG/CUB M RE= 22.070E6 /M
DELTA= .258 CM DELTA*= .0964 CM THETA= .0147 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.026954	.000000	1.000000	.326694	.000000
2	.012700	.067786	.588544	1.000000	.426061	1.233205
3	.025400	.083319	.649596	1.000000	.456352	1.408685
4	.038100	.095509	.688573	1.000000	.479894	1.531241
5	.050800	.110415	.728465	1.000000	.508313	1.667228
6	.063500	.124764	.761263	1.000000	.535735	1.788673
7	.076200	.140019	.791120	1.000000	.564631	1.908295
8	.088900	.155135	.816862	1.000000	.593205	2.019631
9	.101600	.170737	.840367	1.000000	.622868	2.129060
10	.114300	.188569	.863797	1.000000	.656518	2.246754
11	.127000	.205217	.883101	1.000000	.687907	2.351236
12	.139700	.223398	.901846	1.000000	.722163	2.460204
13	.152400	.241578	.918553	1.000000	.756403	2.564495
14	.165100	.261639	.935010	1.000000	.794168	2.674814
15	.177800	.284695	.951887	1.000000	.837837	2.796957
16	.190500	.306079	.965731	1.000000	.878092	2.905007
17	.203200	.323981	.976246	1.000000	.911784	2.992443
18	.215900	.344530	.987272	1.000000	.950451	3.089743
19	.228600	.359088	.994487	1.000000	.977842	3.156854
20	.241300	.368282	.998815	1.000000	.995140	3.198512
21	.254000	.370999	1.000061	1.000000	1.000251	3.210716
22	.266700	.369327	.999296	1.000000	.997106	3.203211
23	.279400	.365078	.997326	1.000000	.989112	3.184057
24	.292100	.360690	.995254	1.000000	.980856	3.164152
25	.304800	.357695	.993817	1.000000	.975221	3.150494
26	.317500	.354630	.992327	1.000000	.969455	3.136457
27	.330200	.348082	.989075	1.000000	.957135	3.106254
28	.342900	.340280	.985076	1.000000	.942456	3.069878
29	.355600	.334778	.982169	1.000000	.932101	3.043957
30	.368300	.331782	.980555	1.000000	.926465	3.029754
31	.381000	.331643	.980479	1.000000	.926203	3.029092
32	.393700	.332131	.980744	1.000000	.927120	3.031409
33	.406400	.333036	.981233	1.000000	.928824	3.035708
34	.419100	.334220	.981870	1.000000	.931053	3.041319
35	.431800	.334708	.982131	1.000000	.931970	3.043627
36	.444500	.335544	.982578	1.000000	.933543	3.047579
37	.457200	.336380	.983023	1.000000	.935116	3.051526
38	.469900	.337425	.983576	1.000000	.937082	3.056453
39	.482600	.338609	.984200	1.000000	.939310	3.062026
40	.495300	.340629	.985257	1.000000	.943111	3.071511
41	.508000	.341395	.985656	1.000000	.944553	3.075101
42	.520700	.342301	.986125	1.000000	.946257	3.079338
43	.533400	.343067	.986520	1.000000	.947699	3.082919

STATION X= 9.14 CM PTO= 25.105 N/SQ CM TTO=304.39K
R= 2.581 CM PWALL= .7185 N/SQ CM CF= .00148 PI =1.214
UE= 641.6 M/SEC RHOE=.00783 KG/CUB M RE= 23.474E6 /M
DELTA= .261 CM DELTA*= .0986 CM THETA= .0150 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.028620	.000000	1.000000	.326448	.000000
2	.012700	.069736	.578584	1.000000	.421483	1.206480
3	.025400	.087777	.647219	1.000000	.454756	1.401857
4	.038100	.100733	.686571	1.000000	.478312	1.525121
5	.050800	.114804	.722639	1.000000	.503571	1.647082
6	.063500	.127969	.751993	1.000000	.527286	1.753881
7	.076200	.144407	.783530	1.000000	.556610	1.877564
8	.088900	.159453	.808635	1.000000	.583391	1.983790
9	.101600	.176449	.833695	1.000000	.613798	2.097894
10	.114300	.193863	.856116	1.000000	.644733	2.207934
11	.127000	.213297	.878128	1.000000	.679225	2.324491
12	.139700	.232314	.897141	1.000000	.712951	2.433067
13	.152400	.253559	.915952	1.000000	.750609	2.548842
14	.165100	.277172	.934375	1.000000	.792444	2.671586
15	.177800	.298696	.949379	1.000000	.830840	2.779469
16	.190500	.319593	.962396	1.000000	.867862	2.879667
17	.203200	.340768	.974342	1.000000	.905369	2.977744
18	.215900	.362501	.985480	1.000000	.943856	3.075133
19	.228600	.375666	.991739	1.000000	.967167	3.132649
20	.241300	.386741	.996747	1.000000	.986777	3.180226
21	.254000	.392732	.999364	1.000000	.997383	3.205664
22	.266700	.395100	1.000381	1.000000	1.001576	3.215665
23	.279400	.396145	1.000827	1.000000	1.003426	3.220067
24	.292100	.395727	1.000649	1.000000	1.002686	3.218307
25	.304800	.393637	.999754	1.000000	.998986	3.209492
26	.317500	.388970	.997728	1.000000	.990723	3.189715
27	.330200	.381587	.994445	1.000000	.977651	3.158173
28	.342900	.372322	.990182	1.000000	.961247	3.118142
29	.355600	.365357	.986867	1.000000	.948913	3.087701
30	.368300	.361595	.985036	1.000000	.942252	3.071137
31	.381000	.354769	.981637	1.000000	.930164	3.040844
32	.393700	.346062	.977153	1.000000	.914744	3.001759
33	.406400	.339445	.973628	1.000000	.903025	2.971709
34	.419100	.334778	.971079	1.000000	.894759	2.950331
35	.431800	.334081	.970693	1.000000	.893525	2.947127
36	.444500	.334081	.970693	1.000000	.893525	2.947127
37	.457200	.334638	.971002	1.000000	.894512	2.949691
38	.469900	.335335	.971386	1.000000	.895746	2.952892
39	.482600	.336519	.972036	1.000000	.897843	2.958326
40	.495300	.337494	.972569	1.000000	.899570	2.962794
41	.508000	.339166	.973478	1.000000	.902531	2.970437
42	.520700	.340141	.974004	1.000000	.904258	2.974887
43	.533400	.340629	.974267	1.000000	.905122	2.977109

ID NO. 11408-014

STATION X= 9.65 CM PTO= 25.105 N/SQ CM TTO=304.39K
R= 2.581 CM PWALL= .7819 N/SQ CM CF= .00148 PI =1.194
UE= 639.0 M/SEC RHOE=.00838 KG/CUB M RE= 24.616E6 /M
DELTA= .265 CM DELTA*= .0981 CM THETA= .0153 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.031146	.000000	1.000000	.331824	.000000
2	.012700	.077538	.587433	1.000000	.431261	1.224067
3	.025400	.096902	.653954	1.000000	.464577	1.414336
4	.038100	.111112	.693110	1.000000	.488690	1.537431
5	.050800	.123720	.722867	1.000000	.509829	1.637747
6	.063500	.137581	.751775	1.000000	.533162	1.741781
7	.076200	.154368	.782055	1.000000	.561142	1.858874
8	.088900	.169832	.806469	1.000000	.586859	1.960339
9	.101600	.185992	.829093	1.000000	.613695	2.060895
10	.114300	.204869	.852607	1.000000	.645225	2.173107
11	.127000	.226253	.875804	1.000000	.680683	2.292746
12	.139700	.245061	.893852	1.000000	.711844	2.392954
13	.152400	.267768	.913222	1.000000	.749447	2.508552
14	.165100	.292427	.931770	1.000000	.790258	2.628267
15	.177800	.320080	.950147	1.000000	.836283	2.757044
16	.190500	.341674	.962867	1.000000	.872017	2.853024
17	.203200	.364173	.974900	1.000000	.909241	2.949687
18	.215900	.384582	.984877	1.000000	.943002	3.034694
19	.228600	.399836	.991820	1.000000	.968233	3.096701
20	.241300	.410633	.996491	1.000000	.986090	3.139844
21	.254000	.416763	.999059	1.000000	.996227	3.164075
22	.266700	.419340	1.000121	1.000000	1.000489	3.174208
23	.279400	.420385	1.000549	1.000000	1.002217	3.178306
24	.292100	.420385	1.000549	1.000000	1.002217	3.178306
25	.304800	.419688	1.000264	1.000000	1.001065	3.175574
26	.317500	.418713	.999864	1.000000	.999452	3.171746
27	.330200	.417320	.999290	1.000000	.997148	3.166269
28	.342900	.415927	.998712	1.000000	.994845	3.160782
29	.355600	.413977	.997899	1.000000	.991619	3.153084
30	.368300	.412096	.997109	1.000000	.988509	3.145644
31	.381000	.409937	.996195	1.000000	.984938	3.137079
32	.393700	.407499	.995155	1.000000	.980906	3.127380
33	.406400	.405061	.994104	1.000000	.976874	3.117652
34	.419100	.402832	.993135	1.000000	.973187	3.108730
35	.431800	.399488	.991666	1.000000	.967657	3.095300
36	.444500	.394334	.989363	1.000000	.959132	3.074479
37	.457200	.384373	.984779	1.000000	.942657	3.033836
38	.469900	.373367	.979498	1.000000	.924452	2.988285
39	.482600	.362292	.973937	1.000000	.906130	2.941729
40	.495300	.351077	.968038	1.000000	.887576	2.893820
41	.508000	.339793	.961808	1.000000	.868905	2.844794
42	.520700	.334917	.959019	1.000000	.860836	2.823345
43	.533400	.333872	.958413	1.000000	.859107	2.818727

ID NO. 11408-015

STATION X= 10.19 CM PTO= 25.105 N/SQ CM TTO=304.39K
R= 2.581 CM PWALL= .8011 N/SQ CM CF= .00153 PI =1.058
UE= 639.9 M/SEC RHOE=.00863 KG/CUB M RE= 25.545E6 /M
DELTA= .276 CM DELTA*= .0982 CM THETA= .0153 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.031910	.000000	1.000000	.329962	.000000
2	.012700	.087498	.616136	1.000000	.442523	1.306012
3	.025400	.107002	.674701	1.000000	.474776	1.481354
4	.038100	.120724	.708468	1.000000	.497163	1.591742
5	.050800	.133750	.736652	1.000000	.518482	1.690178
6	.063500	.146567	.761075	1.000000	.539250	1.780843
7	.076200	.159732	.783526	1.000000	.560535	1.869208
8	.088900	.175195	.807069	1.000000	.585492	1.967769
9	.101600	.191774	.829497	1.000000	.612208	2.068079
10	.114300	.210511	.852113	1.000000	.642590	2.176543
11	.127000	.231269	.874053	1.000000	.675996	2.289878
12	.139700	.253977	.895155	1.000000	.712511	2.407669
13	.152400	.276127	.913340	1.000000	.748109	2.517199
14	.165100	.300089	.930806	1.000000	.786599	2.630503
15	.177800	.323075	.945862	1.000000	.823778	2.735494
16	.190500	.349893	.961436	1.000000	.866852	2.852305
17	.203200	.371835	.972907	1.000000	.902086	2.944410
18	.215900	.391826	.982499	1.000000	.934183	3.025875
19	.228600	.406802	.989207	1.000000	.958225	3.085487
20	.241300	.420037	.994825	1.000000	.979469	3.137219
21	.254000	.427072	.997701	1.000000	.990761	3.164374
22	.266700	.430833	.999209	1.000000	.996798	3.178796
23	.279400	.433271	1.000175	1.000000	1.000711	3.188109
24	.292100	.433480	1.000257	1.000000	1.001047	3.188906
25	.304800	.433411	1.000230	1.000000	1.000935	3.188640
26	.317500	.432644	.999927	1.000000	.999705	3.185717
27	.330200	.432644	.999927	1.000000	.999705	3.185717
28	.342900	.432644	.999927	1.000000	.999705	3.185717
29	.355600	.432296	.999790	1.000000	.999146	3.184387
30	.368300	.431182	.999347	1.000000	.997357	3.180128
31	.381000	.430346	.999015	1.000000	.996016	3.176930
32	.393700	.429510	.998681	1.000000	.994674	3.173729
33	.406400	.428604	.998318	1.000000	.993221	3.170257
34	.419100	.427769	.997982	1.000000	.991879	3.167049
35	.431800	.426515	.997476	1.000000	.989866	3.162231
36	.444500	.424982	.996855	1.000000	.987407	3.156333
37	.457200	.423241	.996144	1.000000	.984612	3.149616
38	.469900	.420803	.995142	1.000000	.980699	3.140188
39	.482600	.418922	.994363	1.000000	.977680	3.132896
40	.495300	.418156	.994044	1.000000	.976450	3.129920
41	.508000	.416972	.993549	1.000000	.974549	3.125316
42	.520700	.414813	.992641	1.000000	.971083	3.116902
43	.533400	.413977	.992287	1.000000	.969741	3.113638

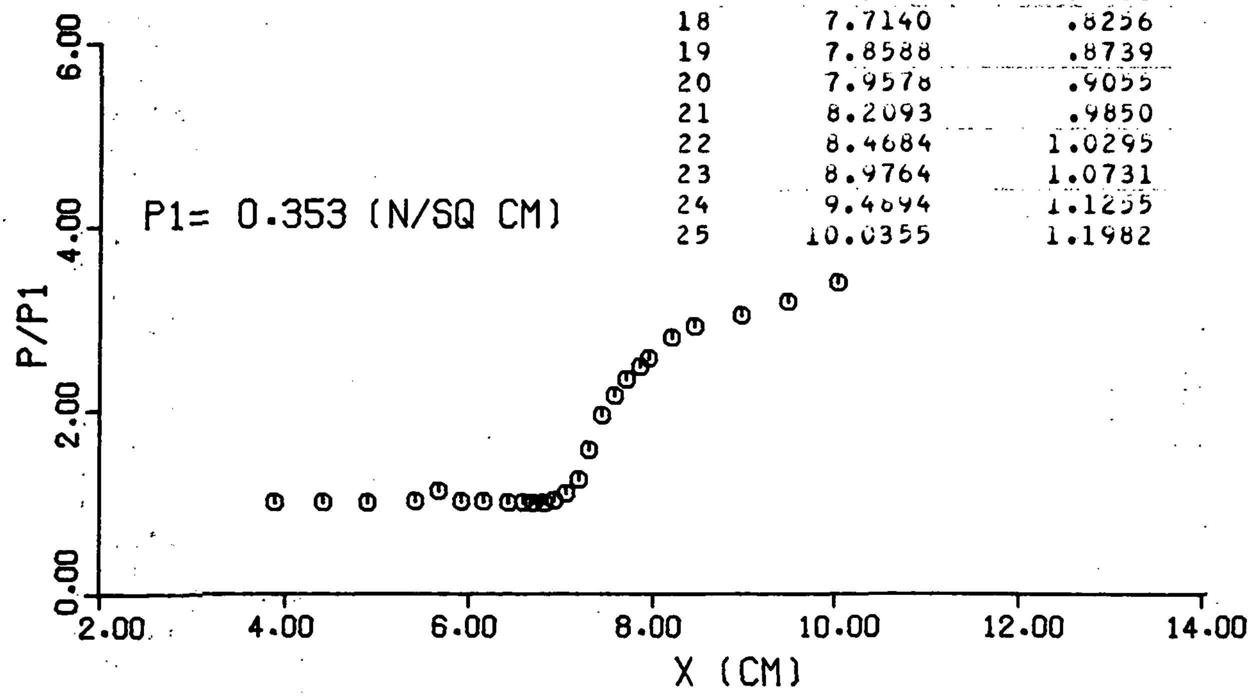
STATION X= 10.72 CM PTO= 25.105 N/SQ CM TTO=304.39K
R= 2.581 CM PWALL= .8179 N/SQ CM CF= .00155 PI =1.017
UE= 639.5 M/SEC RHOE=.00880 KG/CUB M RE= 25.953E6 /M
DELTA= .283 CM DELTA*= .0992 CM THETA= .0156 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.032580	.000000	1.000000	.330676	.000000
2	.012700	.088543	.613553	1.000000	.442060	1.297760
3	.025400	.112087	.682325	1.000000	.480366	1.504455
4	.038100	.126854	.716773	1.000000	.503983	1.618791
5	.050800	.138556	.740968	1.000000	.522793	1.704378
6	.063500	.152070	.765726	1.000000	.544278	1.797153
7	.076200	.164259	.785802	1.000000	.563618	1.876751
8	.088900	.178330	.806741	1.000000	.585907	1.964490
9	.101600	.195117	.829091	1.000000	.612463	2.064161
10	.114300	.212113	.849436	1.000000	.639538	2.161053
11	.127000	.231269	.869739	1.000000	.669802	2.264456
12	.139700	.252165	.889422	1.000000	.702793	2.372045
13	.152400	.274525	.908114	1.000000	.738071	2.481939
14	.165100	.300507	.927295	1.000000	.779043	2.603753
15	.177800	.324469	.943078	1.000000	.817077	2.711943
16	.190500	.348430	.957141	1.000000	.854859	2.815299
17	.203200	.373228	.970252	1.000000	.893948	2.918383
18	.215900	.394403	.980448	1.000000	.927321	3.003595
19	.228600	.411539	.988106	1.000000	.954324	3.070809
20	.241300	.425261	.993893	1.000000	.975945	3.123588
21	.254000	.432296	.996749	1.000000	.987030	3.150302
22	.266700	.437102	.998658	1.000000	.994602	3.168423
23	.279400	.439958	.999778	1.000000	.999102	3.179141
24	.292100	.441352	1.000320	1.000000	1.001296	3.184356
25	.304800	.441978	1.000563	1.000000	1.002284	3.186700
26	.317500	.442675	1.000832	1.000000	1.003382	3.189302
27	.330200	.443441	1.001128	1.000000	1.004589	3.192163
28	.342900	.444068	1.001369	1.000000	1.005576	3.194501
29	.355600	.444765	1.001636	1.000000	1.006674	3.197097
30	.368300	.445183	1.001796	1.000000	1.007332	3.198654
31	.381000	.445461	1.001903	1.000000	1.007771	3.199691
32	.393700	.445531	1.001930	1.000000	1.007881	3.199950
33	.406400	.445531	1.001930	1.000000	1.007881	3.199950
34	.419100	.444625	1.001583	1.000000	1.006454	3.196578
35	.431800	.442954	1.000940	1.000000	1.003820	3.190343
36	.444500	.441282	1.000293	1.000000	1.001187	3.184095
37	.457200	.440446	.999968	1.000000	.999870	3.180967
38	.469900	.439958	.999778	1.000000	.999102	3.179141
39	.482600	.440237	.999886	1.000000	.999541	3.180184
40	.495300	.440585	1.000022	1.000000	1.000089	3.181489
41	.508000	.440864	1.000130	1.000000	1.000528	3.182532
42	.520700	.441491	1.000374	1.000000	1.001516	3.184877
43	.533400	.441769	1.000482	1.000000	1.001955	3.185919

ID NO. 11410-001

PTO= 25.1145 N/SQ CM
TTO= 303.2222 K
PBAR= 760.4000 MMHG
TMAN= 297.1111 K

I	X(CM)	P(N/SQ CM)
1	3.8964	.3533
2	4.4145	.3533
3	4.8971	.3519
4	5.4229	.3571
5	5.6794	.3966
6	5.9284	.3564
7	6.1671	.3564
8	6.4389	.3523
9	6.5989	.3516
10	6.7132	.3509
11	6.8301	.3509
12	6.9418	.3598
13	7.0686	.3866
14	7.2060	.4407
15	7.3127	.5552
16	7.4524	.6876
17	7.5895	.7636
18	7.7140	.8256
19	7.8588	.8739
20	7.9578	.9055
21	8.2093	.9850
22	8.4684	1.0295
23	8.9764	1.0731
24	9.4694	1.1255
25	10.0355	1.1982



ID NO. 11410 -001

ID NO. 11410-002

STATION X= 5.69 CM PTO= 25.114 N/SQ CM TTO=303.11K
R= 2.581 CM PWALL= .3568 N/SQ CM CF= .00177 PI = .470
UE= 668.7 M/SEC RHOE=.00481 KG/CUB M RE= 18.788E6 /M.
DELTA= .363 CM DELTA*= .1170 CM THETA= .0149 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.014207	.000000	1.000000	.265102	.000000
2	.012700	.044351	.624487	1.000000	.371603	1.417277
3	.025400	.065797	.728800	1.000000	.434836	1.789218
4	.038100	.077426	.766854	1.000000	.468730	1.959736
5	.050800	.085990	.793705	1.000000	.493637	2.076133
6	.063500	.093232	.812450	1.000000	.514849	2.170344
7	.076200	.099638	.827354	1.000000	.533450	2.249742
8	.088900	.107297	.843547	1.000000	.555690	2.341087
9	.101600	.114121	.856682	1.000000	.575488	2.419524
10	.114300	.122477	.871339	1.000000	.599720	2.512196
11	.127000	.131320	.885375	1.000000	.625356	2.606650
12	.139700	.140024	.898015	1.000000	.650788	2.697092
13	.152400	.149215	.910073	1.000000	.677433	2.788698
14	.165100	.158128	.920756	1.000000	.703264	2.874723
15	.177800	.167339	.930938	1.000000	.730099	2.961446
16	.190500	.176929	.940567	1.000000	.757737	3.048185
17	.203200	.186329	.949306	1.000000	.784967	3.131295
18	.215900	.195729	.957385	1.000000	.812194	3.212247
19	.228600	.204781	.964611	1.000000	.838410	3.288310
20	.241300	.212092	.970089	1.000000	.859583	3.348479
21	.254000	.221562	.976753	1.000000	.887004	3.424836
22	.266700	.229222	.981878	1.000000	.909453	3.486101
23	.279400	.236324	.986336	1.000000	.930027	3.541318
24	.292100	.242660	.990134	1.000000	.948381	3.589861
25	.304800	.247395	.992869	1.000000	.962095	3.625709
26	.317500	.251852	.995365	1.000000	.975003	3.659128
27	.330200	.255055	.997115	1.000000	.984280	3.682959
28	.342900	.257701	.998534	1.000000	.991944	3.702530
29	.355600	.259442	.999455	1.000000	.996986	3.715349
30	.368300	.261043	1.000292	1.000000	1.001624	3.727104
31	.381000	.261948	1.000762	1.000000	1.004246	3.733732
32	.393700	.262784	1.001194	1.000000	1.006666	3.739839
33	.406400	.263341	1.001480	1.000000	1.008279	3.743905
34	.419100	.263689	1.001659	1.000000	1.009287	3.746444
35	.431800	.264037	1.001836	1.000000	1.010296	3.748981
36	.444500	.264385	1.002014	1.000000	1.011304	3.751517
37	.457200	.264385	1.002014	1.000000	1.011304	3.751517
38	.469900	.264734	1.002191	1.000000	1.012312	3.754050
39	.482600	.264942	1.002298	1.000000	1.012917	3.755570
40	.495300	.264942	1.002298	1.000000	1.012917	3.755570
41	.508000	.264942	1.002298	1.000000	1.012917	3.755570
42	.520700	.264942	1.002298	1.000000	1.012917	3.755570
43	.533400	.264942	1.002298	1.000000	1.012917	3.755570

STATION X= 5.92 CM PTO= 25.114 N/SQ CM TTO=303.11K
R= 2.581 CM PWALL= .3565 N/SQ CM CF= .00182 PI = .382
UE= 669.1 M/SEC RHOE=.00482 KG/CUB M RE= 18.907E6 /M
DELTA= .382 CM DELTA*= .1170 CM THETA= .0149 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.014194	.000000	1.000000	.264253	.000000
2	.012700	.051662	.665866	1.000000	.392190	1.555876
3	.025400	.069766	.743227	1.000000	.445182	1.850249
4	.038100	.080420	.777712	1.000000	.476136	2.002278
5	.050800	.087661	.798088	1.000000	.497304	2.099915
6	.063500	.093859	.813716	1.000000	.515276	2.179377
7	.076200	.100822	.829699	1.000000	.535454	2.265276
8	.088900	.108203	.845073	1.000000	.556829	2.352855
9	.101600	.116419	.860563	1.000000	.580612	2.446615
10	.114300	.124496	.874359	1.000000	.603981	2.535369
11	.127000	.133061	.887655	1.000000	.628791	2.626172
12	.139700	.141277	.899392	1.000000	.652718	2.711138
13	.152400	.149564	.910162	1.000000	.676684	2.793517
14	.165100	.158546	.920877	1.000000	.702658	2.880139
15	.177800	.167459	.930643	1.000000	.728426	2.963574
16	.190500	.177068	.940323	1.000000	.756203	3.050958
17	.203200	.185702	.948357	1.000000	.781159	3.127384
18	.215900	.194197	.955715	1.000000	.805709	3.200789
19	.228600	.201996	.962039	1.000000	.828244	3.266720
20	.241300	.212510	.969981	1.000000	.858625	3.353549
21	.254000	.220448	.975574	1.000000	.881559	3.417636
22	.266700	.227690	.980463	1.000000	.902748	3.475797
23	.279400	.235419	.985350	1.000000	.925087	3.536078
24	.292100	.241546	.989044	1.000000	.942796	3.583145
25	.304800	.246351	.991835	1.000000	.956681	3.619621
26	.317500	.251086	.994500	1.000000	.970365	3.655210
27	.330200	.253871	.996030	1.000000	.978414	3.675984
28	.342900	.256656	.997533	1.000000	.986463	3.696641
29	.355600	.258745	.998642	1.000000	.992500	3.712058
30	.368300	.260207	.999410	1.000000	.996725	3.722812
31	.381000	.261252	.999954	1.000000	.999743	3.730474
32	.393700	.262088	1.000387	1.000000	1.002158	3.736593
33	.406400	.262714	1.000710	1.000000	1.003969	3.741175
34	.419100	.262853	1.000781	1.000000	1.004371	3.742193
35	.431800	.262993	1.000853	1.000000	1.004774	3.743210
36	.444500	.263132	1.000924	1.000000	1.005176	3.744227
37	.457200	.263271	1.000996	1.000000	1.005579	3.745244
38	.469900	.263271	1.000996	1.000000	1.005579	3.745244
39	.482600	.263550	1.001138	1.000000	1.006383	3.747276
40	.495300	.263968	1.001352	1.000000	1.007591	3.750323
41	.508000	.264664	1.001707	1.000000	1.009603	3.755395
42	.520700	.265499	1.002130	1.000000	1.012017	3.761473
43	.533400	.265848	1.002306	1.000000	1.013024	3.764003

STATION X= 6.17 CM PTO= 25.114 N/SQ CM TTO=303.1K
R= 2.581 CM PWALL= .3565 N/SQ CM CF= .00179 PI = .405
UE= 669.3 M/SEC RHOE=.00482 KG/CUB M RE= 18.969E6 /M
DELTA= .385 CM DELTA*= .1192 CM THETA= .0151 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.014194	.000000	1.000000	.263869	.000000
2	.012700	.051523	.664975	1.000000	.391213	1.553389
3	.025400	.068304	.737778	1.000000	.440287	1.828361
4	.038100	.079097	.773557	1.000000	.471611	1.984051
5	.050800	.086408	.794391	1.000000	.492790	2.082734
6	.063500	.093371	.812325	1.000000	.513117	2.173234
7	.076200	.099917	.827491	1.000000	.532058	2.254297
8	.088900	.106462	.841361	1.000000	.550988	2.332500
9	.101600	.113703	.855395	1.000000	.571921	2.416034
10	.114300	.121781	.869640	1.000000	.595259	2.505884
11	.127000	.129579	.882173	1.000000	.617784	2.589648
12	.139700	.138283	.894936	1.000000	.642916	2.680016
13	.152400	.147405	.907206	1.000000	.669468	2.772294
14	.165100	.155900	.917578	1.000000	.693998	2.854897
15	.177800	.164882	.927660	1.000000	.719931	2.939701
16	.190500	.173169	.936250	1.000000	.743850	3.015804
17	.203200	.181942	.944685	1.000000	.769173	3.094335
18	.215900	.191621	.953289	1.000000	.797105	3.178707
19	.228600	.200673	.960743	1.000000	.823225	3.255630
20	.241300	.210003	.967893	1.000000	.850146	3.333054
21	.254000	.219404	.974603	1.000000	.877266	3.409272
22	.266700	.227481	.980072	1.000000	.900835	3.474154
23	.279400	.233957	.984189	1.000000	.919524	3.524753
24	.292100	.241755	.988909	1.000000	.942030	3.584738
25	.304800	.246908	.991895	1.000000	.956900	3.623826
26	.317500	.251225	.994318	1.000000	.969358	3.656252
27	.330200	.254776	.996262	1.000000	.979606	3.682711
28	.342900	.257144	.997533	1.000000	.986437	3.700244
29	.355600	.259233	.998638	1.000000	.992465	3.715646
30	.368300	.260486	.999295	1.000000	.996082	3.724857
31	.381000	.261600	.999874	1.000000	.999297	3.733025
32	.393700	.262227	1.000198	1.000000	1.001105	3.737612
33	.406400	.262645	1.000413	1.000000	1.002311	3.740666
34	.419100	.262993	1.000592	1.000000	1.003315	3.743210
35	.431800	.263828	1.001020	1.000000	1.005726	3.749308
36	.444500	.264176	1.001198	1.000000	1.006731	3.751845
37	.457200	.264664	1.001446	1.000000	1.008137	3.755395
38	.469900	.265360	1.001799	1.000000	1.010146	3.760461
39	.482600	.265499	1.001869	1.000000	1.010548	3.761473
40	.495300	.267171	1.002709	1.000000	1.015370	3.773599
41	.508000	.282838	1.010185	1.000000	1.060576	3.885439
42	.520700	.350310	1.035802	1.000000	1.255232	4.334182
43	.533400	.357691	1.038099	1.000000	1.276523	4.380478

ID NO. 11410-005

STATION X= 6.45 CM PTO= 25.114 N/SQ CM TTO=303.11K
R= 2.581 CM PWALL= .3523 N/SQ CM CF= .00174 PI = .402
UE= 672.3 M/SEC RHOE=.00489 KG/CUB M RE= 19.869E6 /M
DELTA= .403 CM DELTA*= .1254 CM THETA= .0155 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.014030	.000000	1.000000	.257181	.000000
2	.012700	.051662	.665755	1.000000	.383417	1.566597
3	.025400	.069140	.740317	1.000000	.433779	1.852932
4	.038100	.079166	.773030	1.000000	.462465	1.997759
5	.050800	.085781	.791807	1.000000	.481357	2.087664
6	.063500	.092257	.808571	1.000000	.500006	2.172766
7	.076200	.098663	.823534	1.000000	.518286	2.253063
8	.088900	.105557	.838224	1.000000	.537944	2.336339
9	.101600	.112520	.851774	1.000000	.557791	2.417506
10	.114300	.120597	.866090	1.000000	.580603	2.508331
11	.127000	.129440	.880276	1.000000	.605987	2.604101
12	.139700	.136960	.891281	1.000000	.627397	2.682831
13	.152400	.145873	.903329	1.000000	.652981	2.773982
14	.165100	.154647	.914079	1.000000	.677961	2.860182
15	.177800	.163072	.923575	1.000000	.701946	2.940569
16	.190500	.170940	.931794	1.000000	.724342	3.013695
17	.203200	.179435	.940042	1.000000	.748518	3.090693
18	.215900	.189532	.949092	1.000000	.777249	3.179771
19	.228600	.196773	.955133	1.000000	.797853	3.242148
20	.241300	.206591	.962787	1.000000	.825785	3.324842
21	.254000	.216549	.969981	1.000000	.854111	3.406651
22	.266700	.223930	.975041	1.000000	.875366	3.466771
23	.279400	.232842	.980736	1.000000	.900730	3.537175
24	.292100	.240780	.985518	1.000000	.923318	3.598716
25	.304800	.246560	.988842	1.000000	.939763	3.642866
26	.317500	.250947	.991280	1.000000	.952245	3.676023
27	.330200	.255473	.993724	1.000000	.965123	3.709921
28	.342900	.259093	.995629	1.000000	.975425	3.736817
29	.355600	.260834	.996529	1.000000	.980378	3.749679
30	.368300	.263202	.997738	1.000000	.987114	3.767101
31	.381000	.264734	.998510	1.000000	.991472	3.778331
32	.393700	.266056	.999171	1.000000	.995236	3.788003
33	.406400	.268215	1.000238	1.000000	1.001378	3.803730
34	.419100	.278312	1.005046	1.000000	1.030103	3.876445
35	.431800	.337777	1.028361	1.000000	1.199263	4.279670
36	.444500	.358109	1.034799	1.000000	1.257097	4.409075
37	.457200	.359153	1.035147	1.000000	1.260394	4.416340
38	.469900	.360059	1.035417	1.000000	1.262970	4.422006
39	.482600	.361103	1.035728	1.000000	1.265942	4.428534
40	.495300	.362496	1.036140	1.000000	1.269905	4.437223
41	.508000	.364515	1.036732	1.000000	1.275650	4.449793
42	.520700	.366395	1.037279	1.000000	1.281000	4.461464
43	.533400	.367786	1.037680	1.000000	1.284962	4.470089

STATION X= 6.71 CM PTO= 25.114 N/SQ CM TTO=303.11K
R= 2.581 CM PWALL= .3510 N/SQ CM CF= .00118 PI = .659
UE= 698.6 M/SEC RHOE=.00633 KG/CUB M RE= 35.755E6 /M
DELTA= .497 CM DELTA*= .1838 CM THETA= .0170 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.013975	.000000	1.000000	.198048	.000000
2	.012700	.048529	.625745	1.000000	.288704	1.512857
3	.025400	.067329	.707123	1.000000	.330627	1.829525
4	.038100	.077635	.740410	1.000000	.353427	1.980600
5	.050800	.084807	.760380	1.000000	.369265	2.079092
6	.063500	.090725	.775395	1.000000	.382453	2.157677
7	.076200	.096713	.789176	1.000000	.395664	2.233633
8	.088900	.103189	.802832	1.000000	.409943	2.312919
9	.101600	.110500	.816897	1.000000	.426055	2.399244
10	.114300	.118230	.830417	1.000000	.443060	2.487206
11	.127000	.125750	.842420	1.000000	.459639	2.569871
12	.139700	.133757	.854116	1.000000	.477265	2.655039
13	.152400	.142600	.865996	1.000000	.496887	2.746750
14	.165100	.151374	.876667	1.000000	.516201	2.834119
15	.177800	.159312	.885554	1.000000	.533671	2.910893
16	.190500	.167877	.894422	1.000000	.552518	2.991507
17	.203200	.176302	.902497	1.000000	.571056	3.068733
18	.215900	.185145	.910356	1.000000	.590510	3.147742
19	.228600	.194336	.917928	1.000000	.610728	3.227803
20	.241300	.203249	.924753	1.000000	.630332	3.303579
21	.254000	.212510	.931360	1.000000	.650699	3.380508
22	.266700	.221910	.937671	1.000000	.671570	3.457564
23	.279400	.230753	.943175	1.000000	.691025	3.527877
24	.292100	.237090	.946914	1.000000	.704964	3.577406
25	.304800	.243775	.950686	1.000000	.719669	3.628922
26	.317500	.250389	.954256	1.000000	.734220	3.679190
27	.330200	.260207	.959278	1.000000	.755816	3.752554
28	.342900	.287642	.971788	1.000000	.816157	3.950323
29	.355600	.345208	.991855	1.000000	.938353	4.323201
30	.368300	.356647	.995897	1.000000	.967904	4.408643
31	.381000	.359780	.996835	1.000000	.975048	4.429050
32	.393700	.362635	.997648	1.000000	.981326	4.446912
33	.406400	.364933	.998294	1.000000	.986382	4.461237
34	.419100	.366674	.998779	1.000000	.990211	4.472059
35	.431800	.367857	.999106	1.000000	.992815	4.479402
36	.444500	.369320	.999508	1.000000	.996032	4.488457
37	.457200	.369877	.999660	1.000000	.997257	4.491902
38	.469900	.370364	.999793	1.000000	.998329	4.494914
39	.482600	.370712	.999888	1.000000	.999095	4.497064
40	.495300	.370991	.999964	1.000000	.999708	4.498784
41	.508000	.371896	1.000209	1.000000	1.001699	4.504367
42	.520700	.372662	1.000416	1.000000	1.003384	4.509086
43	.533400	.373637	1.000679	1.000000	1.005528	4.515086

ID NO. 11410-007

STATION X= 6.93 CM PTO= 25.114 N/SQ CM TTO=303.11K
R= 2.581 CM PWALL= .3599 N/SQ CM CF= .00115 PI = .805
UE= 697.5 M/SEC RHOE=.00641 KG/CUB M RE= 35.685E6 /M
DELTA= .431 CM DELTA*= .1666 CM THETA= .0154 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.014330	.000000	1.000000	.200421	.000000
2	.012700	.040111	.617955	1.000000	.288515	1.482465
3	.025400	.069000	.706038	1.000000	.334506	1.828950
4	.038100	.076799	.733231	1.000000	.351540	1.941653
5	.050800	.084737	.755702	1.000000	.366847	2.049830
6	.063500	.090516	.770540	1.000000	.381563	2.125797
7	.076200	.096156	.783723	1.000000	.393647	2.196697
8	.088900	.102771	.797915	1.000000	.408246	2.276991
9	.101600	.109735	.811564	1.000000	.423394	2.358514
10	.114300	.116698	.824061	1.000000	.438534	2.437276
11	.127000	.124775	.837304	1.000000	.456090	2.525528
12	.139700	.133409	.850170	1.000000	.474850	2.616544
13	.152400	.141138	.860801	1.000000	.491797	2.696121
14	.165100	.148589	.870185	1.000000	.507986	2.770008
15	.177800	.156805	.879757	1.000000	.525835	2.849254
16	.190500	.165022	.888605	1.000000	.543682	2.926342
17	.203200	.174004	.897546	1.000000	.563189	3.008343
18	.215900	.182290	.905189	1.000000	.581181	3.082044
19	.228600	.192805	.914148	1.000000	.604009	3.173068
20	.241300	.206522	.924751	1.000000	.633787	3.288064
21	.254000	.237647	.945181	1.000000	.701551	3.535804
22	.266700	.284927	.969003	1.000000	.804189	3.881040
23	.279400	.310342	.979273	1.000000	.859354	4.054467
24	.292100	.324129	.984272	1.000000	.889276	4.145505
25	.304800	.334852	.987917	1.000000	.912551	4.214951
26	.317500	.346829	.991759	1.000000	.936543	4.291183
27	.330200	.353792	.993891	1.000000	.953654	4.334887
28	.342900	.358666	.995340	1.000000	.964232	4.365219
29	.355600	.362913	.996576	1.000000	.973450	4.391480
30	.368300	.365699	.997373	1.000000	.979495	4.408615
31	.381000	.368136	.998095	1.000000	.985039	4.424276
32	.393700	.370016	.998621	1.000000	.989121	4.435768
33	.406400	.371966	.999161	1.000000	.993354	4.447655
34	.419100	.373637	.999620	1.000000	.996981	4.457818
35	.431800	.375099	1.000020	1.000000	1.000156	4.466692
36	.444500	.376283	1.000341	1.000000	1.002726	4.473863
37	.457200	.377257	1.000604	1.000000	1.004842	4.479759
38	.469900	.378095	1.000828	1.000000	1.006656	4.484807
39	.482600	.377745	1.000735	1.000000	1.005900	4.482705
40	.495300	.377536	1.000679	1.000000	1.005447	4.481443
41	.508000	.377536	1.000679	1.000000	1.005447	4.481443
42	.520700	.377536	1.000679	1.000000	1.005447	4.481443
43	.533400	.377536	1.000679	1.000000	1.005447	4.481443

ID NO. 11410-006

STATION X= 7.21 CM PTO= 25.114 N/SQ CM TTO=303.11K
R= 2.581 CM PWALL= .4406 N/SQ CM CF= .00121 PI =1.144
UE= 679.4 M/SEC RHOE=.00652 KG/CUB M RE= 28.677E6 /M
DELTA= .331 CM DELTA*= .1367 CM THETA= .0151 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.017551	.000000	1.000000	.241413	.000000
2	.012700	.046161	.567145	1.000000	.319330	1.270344
3	.025400	.063639	.654759	1.000000	.357762	1.552339
4	.038100	.075615	.699275	1.000000	.383766	1.717074
5	.050800	.085015	.728375	1.000000	.404006	1.835087
6	.063500	.092466	.748698	1.000000	.420012	1.923292
7	.076200	.098802	.764397	1.000000	.433607	1.995147
8	.088900	.105557	.779753	1.000000	.448083	2.068922
9	.101600	.112241	.793874	1.000000	.462555	2.140132
10	.114300	.120527	.809725	1.000000	.480300	2.224344
11	.127000	.132225	.829746	1.000000	.505334	2.337988
12	.139700	.148032	.853205	1.000000	.539133	2.483186
13	.152400	.170523	.881061	1.000000	.587190	2.676104
14	.165100	.191203	.902414	1.000000	.631567	2.842648
15	.177800	.206193	.917459	1.000000	.667858	2.971917
16	.190500	.223024	.929143	1.000000	.699531	3.060306
17	.203200	.238552	.940156	1.000000	.732686	3.189822
18	.215900	.255333	.950863	1.000000	.768511	3.304081
19	.228600	.273368	.961194	1.000000	.807007	3.422609
20	.241300	.291472	.970580	1.000000	.845902	3.538337
21	.254000	.308183	.978393	1.000000	.881583	3.641269
22	.266700	.323015	.984759	1.000000	.913246	3.730237
23	.279400	.335479	.989765	1.000000	.939857	3.803391
24	.292100	.345018	.993386	1.000000	.960222	3.858441
25	.304800	.352469	.996101	1.000000	.976127	3.900895
26	.317500	.358875	.998359	1.000000	.989862	3.937030
27	.330200	.363540	.999962	1.000000	.999761	3.963139
28	.342900	.366952	1.001112	1.000000	1.007044	3.982124
29	.355600	.369180	1.001854	1.000000	1.011800	3.994474
30	.368300	.370851	1.002405	1.000000	1.015368	4.003712
31	.381000	.371896	1.002748	1.000000	1.017597	4.009474
32	.393700	.372801	1.003043	1.000000	1.019529	4.014462
33	.406400	.374054	1.003451	1.000000	1.022205	4.021358
34	.419100	.374960	1.003743	1.000000	1.024137	4.026330
35	.431800	.377049	1.004414	1.000000	1.028596	4.037782
36	.444500	.378929	1.005012	1.000000	1.032609	4.048062
37	.457200	.381435	1.005802	1.000000	1.037960	4.061727
38	.469900	.382967	1.006281	1.000000	1.041230	4.070055
39	.482600	.384360	1.006713	1.000000	1.044202	4.077611
40	.495300	.385195	1.006971	1.000000	1.045986	4.082138
41	.508000	.386170	1.007271	1.000000	1.048067	4.087414
42	.520700	.386170	1.007271	1.000000	1.048067	4.087414
43	.533400	.385683	1.007121	1.000000	1.047026	4.084777

STATION X= 7.44 CM PTO= 25.114 N/SQ CM TTO=303.11K
R= 2.581 CM PWALL= .6879 N/SQ CM CF= .00141 PI[illegible]=1.262
UE= 637.7 M/SEC RHOE=.00740 KG/CUB M RE= 21.804E6 /M
DELTA= .343 CM DELTA*= .1148 CM THETA= .0173 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.027392	.000000	1.000000	.331773	.000000
2	.012700	.045186	.446561	1.000000	.382781	.876763
3	.025400	.057233	.531497	1.000000	.408974	1.078636
4	.038100	.073526	.610360	1.000000	.441741	1.287348
5	.050800	.090377	.671013	1.000000	.474555	1.466899
6	.063500	.105835	.715235	1.000000	.504091	1.611498
7	.076200	.122198	.754373	1.000000	.535354	1.751591
8	.088900	.137030	.784427	1.000000	.563451	1.868559
9	.101600	.154647	.815162	1.000000	.596746	1.998321
10	.114300	.172611	.842300	1.000000	.630852	2.123033
11	.127000	.191551	.866972	1.000000	.666568	2.246227
12	.139700	.212023	.890159	1.000000	.705137	2.372087
13	.152400	.228665	.906830	1.000000	.736471	2.469618
14	.165100	.239248	.916567	1.000000	.756391	2.529668
15	.177800	.251504	.927100	1.000000	.779451	2.597449
16	.190500	.262784	.936160	1.000000	.800671	2.658296
17	.203200	.276292	.946395	1.000000	.826347	2.730108
18	.215900	.291472	.956941	1.000000	.854908	2.807831
19	.228600	.306582	.966656	1.000000	.883332	2.883103
20	.241300	.322318	.976036	1.000000	.912930	2.959450
21	.254000	.333738	.982419	1.000000	.934406	3.013635
22	.266700	.344600	.988187	1.000000	.954832	3.064283
23	.279400	.350728	.991319	1.000000	.966354	3.092486
24	.292100	.355741	.993819	1.000000	.975781	3.115371
25	.304800	.360059	.995929	1.000000	.983898	3.134942
26	.317500	.362844	.997269	1.000000	.989134	3.147504
27	.330200	.365699	.998627	1.000000	.994502	3.160328
28	.342900	.368623	1.000000	1.000000	1.000000	3.173410
29	.355600	.371060	1.001132	1.000000	1.004582	3.184271
30	.368300	.374054	1.002506	1.000000	1.010211	3.197564
31	.381000	.376422	1.003581	1.000000	1.014662	3.208036
32	.393700	.378441	1.004489	1.000000	1.018458	3.216940
33	.406400	.380112	1.005235	1.000000	1.021599	3.224290
34	.419100	.381296	1.005760	1.000000	1.023825	3.229487
35	.431800	.381853	1.006007	1.000000	1.024872	3.231929
36	.444500	.382758	1.006406	1.000000	1.026574	3.235895
37	.457200	.383106	1.006559	1.000000	1.027228	3.237418
38	.469900	.383733	1.006834	1.000000	1.028406	3.240159
39	.482600	.384778	1.007290	1.000000	1.030370	3.244722
40	.495300	.385474	1.007594	1.000000	1.031679	3.247761
41	.508000	.386240	1.007927	1.000000	1.033119	3.251100
42	.520700	.386379	1.007987	1.000000	1.033380	3.251706
43	.533400	.386658	1.008108	1.000000	1.033904	3.252919

ID NO. 11410-010

STATION X= 7.72 CM PTO= 25.114 N/SQ CM TTO=303.11K
R= 2.581 CM PWALL= .8257 N/SQ CM CF= .00172 PI = .931
UE= 616.2 M/SEC RHOE=.00784 KG/CUB M RE= 19.672E6 /M
DELTA= .343 CM DELTA*= .0902 CM THETA= .0155 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.032879	.000000	1.000000	.376009	.000000
2	.012700	.060018	.503157	1.000000	.446552	.968533
3	.025400	.071786	.565181	1.000000	.469612	1.115661
4	.038100	.087104	.627573	1.000000	.498525	1.276389
5	.050800	.105766	.686897	1.000000	.532904	1.444412
6	.063500	.126585	.739142	1.000000	.570494	1.608158
7	.076200	.146012	.779404	1.000000	.605544	1.747072
8	.088900	.166414	.814880	1.000000	.642035	1.880823
9	.101600	.186329	.844541	1.000000	.677568	2.002498
10	.114300	.205129	.869149	1.000000	.711297	2.111519
11	.127000	.224904	.891844	1.000000	.746514	2.219642
12	.139700	.242034	.909424	1.000000	.776995	2.309141
13	.152400	.257561	.923942	1.000000	.804610	2.387332
14	.165100	.277197	.940642	1.000000	.839516	2.482642
15	.177800	.297391	.956153	1.000000	.875396	2.576942
16	.190500	.321483	.972892	1.000000	.918483	2.685812
17	.203200	.349335	.989979	1.000000	.967967	2.805637
18	.215900	.369459	1.001113	1.000000	1.003710	2.889099
19	.228600	.375029	1.004035	1.000000	1.013603	2.911777
20	.241300	.368623	1.000669	1.000000	1.002226	2.885682
21	.254000	.361103	.996603	1.000000	.988870	2.854742
22	.266700	.358944	.995412	1.000000	.985036	2.845798
23	.279400	.359919	.995951	1.000000	.986767	2.849841
24	.292100	.361799	.996985	1.000000	.990106	2.857621
25	.304800	.363331	.997821	1.000000	.992827	2.863944
26	.317500	.365002	.998727	1.000000	.995795	2.870827
27	.330200	.366465	.999515	1.000000	.998392	2.876835
28	.342900	.367370	1.000000	1.000000	1.000000	2.880548
29	.355600	.368762	1.000743	1.000000	1.002473	2.886252
30	.368300	.370503	1.001666	1.000000	1.005565	2.893365
31	.381000	.371617	1.002253	1.000000	1.007544	2.897908
32	.393700	.372801	1.002874	1.000000	1.009646	2.902727
33	.406400	.373985	1.003492	1.000000	1.011748	2.907539
34	.419100	.375517	1.004288	1.000000	1.014469	2.913753
35	.431800	.376979	1.005043	1.000000	1.017066	2.919673
36	.444500	.378163	1.005651	1.000000	1.019168	2.924456
37	.457200	.378998	1.006078	1.000000	1.020652	2.927828
38	.469900	.379903	1.006539	1.000000	1.022259	2.931476
39	.482600	.380461	1.006822	1.000000	1.023248	2.933719
40	.495300	.380948	1.007069	1.000000	1.024114	2.935680
41	.508000	.381714	1.007457	1.000000	1.025474	2.938759
42	.520700	.382201	1.007703	1.000000	1.026340	2.940716
43	.533400	.383385	1.008298	1.000000	1.028442	2.945465

STATION X= 7.95 CM PTO= 25.114 N/SQ CM TTO=303.11K
R= 2.581 CM PWALL= .9056 N/SQ CM CF= .00201 PI = .640
UE= 602.9 M/SEC RHOE=.00803 KG/CUB M RE= 18.426E6 /M
DELTA= .343 CM DELTA*= .0641 CM THETA= .0111 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.036059	.000000	1.000000	.402682	.000000
2	.012700	.071437	.546897	1.000000	.490272	1.042870
3	.025400	.082578	.593928	1.000000	.510179	1.155318
4	.038100	.096505	.644639	1.000000	.535639	1.284871
5	.050800	.116767	.704073	1.000000	.572074	1.450276
6	.063500	.136821	.751213	1.000000	.607436	1.594483
7	.076200	.159869	.796147	1.000000	.648034	1.745414
8	.088900	.183892	.834927	1.000000	.689988	1.888756
9	.101600	.206731	.866240	1.000000	.729774	2.015296
10	.114300	.235419	.899876	1.000000	.779929	2.164296
11	.127000	.259372	.923894	1.000000	.821563	2.280601
12	.139700	.285971	.947240	1.000000	.867759	2.403068
13	.152400	.314798	.969337	1.000000	.917791	2.529026
14	.165100	.343695	.988764	1.000000	.967918	2.649224
15	.177800	.370294	1.004766	1.000000	1.014375	2.755946
16	.190500	.389304	1.015125	1.000000	1.047350	2.829253
17	.203200	.400445	1.020852	1.000000	1.066673	2.871342
18	.215900	.402185	1.021725	1.000000	1.069692	2.877862
19	.228600	.402742	1.022003	1.000000	1.070658	2.879945
20	.241300	.403648	1.022454	1.000000	1.072228	2.883328
21	.254000	.409149	1.025162	1.000000	1.081768	2.903796
22	.266700	.413535	1.027282	1.000000	1.089375	2.920016
23	.279400	.404544	1.022800	1.000000	1.073436	2.885927
24	.292100	.382132	1.011306	1.000000	1.034910	2.801822
25	.304800	.366047	1.002343	1.000000	1.007007	2.739296
26	.317500	.361799	.999878	1.000000	.999636	2.722543
27	.330200	.361451	.999674	1.000000	.999034	2.721165
28	.342900	.362008	1.000000	1.000000	1.000000	2.723369
29	.355600	.362705	1.000407	1.000000	1.001208	2.726122
30	.368300	.364445	1.001418	1.000000	1.004228	2.732991
31	.381000	.365838	1.002222	1.000000	1.006644	2.738474
32	.393700	.367022	1.002902	1.000000	1.008698	2.743126
33	.406400	.368345	1.003659	1.000000	1.010993	2.748316
34	.419100	.369737	1.004450	1.000000	1.013409	2.753768
35	.431800	.371130	1.005237	1.000000	1.015825	2.759209
36	.444500	.372940	1.006254	1.000000	1.018966	2.766267
37	.457200	.374472	1.007109	1.000000	1.021623	2.772225
38	.469900	.375986	1.007728	1.000000	1.023556	2.776550
39	.482600	.376770	1.008382	1.000000	1.025609	2.781137
40	.495300	.377397	1.008727	1.000000	1.026696	2.783563
41	.508000	.378302	1.009224	1.000000	1.028267	2.787063
42	.520700	.379764	1.010022	1.000000	1.030803	2.792707
43	.533400	.380461	1.010401	1.000000	1.032011	2.795391

ID NO. 11410-012

STATION X= 8.20 CM PTO= 25.114 N/SQ CM TTO=303.11K
R= 2.581 CM PWALL= .9851 N/SQ CM CF= .00200 PI = .622
UE= 601.6 M/SEC RHOE=.00868 KG/CUB M RE= 19.749E6 /M
DELTA= .343 CM DELTA*= .0585 CM THETA= .0098 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.039226	.000000	1.000000	.405272	.000000
2	.012700	.080559	.557548	1.000000	.497192	1.064914
3	.025400	.093371	.608153	1.000000	.519553	1.187403
4	.038100	.107019	.652403	1.000000	.542631	1.301784
5	.050800	.125959	.703055	1.000000	.574012	1.442847
6	.063500	.147057	.749319	1.000000	.608451	1.583252
7	.076200	.170662	.792542	1.000000	.646947	1.726740
8	.088900	.196077	.831275	1.000000	.688031	1.867752
9	.101600	.221493	.864110	1.000000	.729005	1.998503
10	.114300	.251295	.897040	1.000000	.777226	2.142180
11	.127000	.282698	.926379	1.000000	.827731	2.282988
12	.139700	.312779	.950577	1.000000	.876063	2.410047
13	.152400	.342651	.971583	1.000000	.924029	2.529841
14	.165100	.372731	.990248	1.000000	.972306	2.644939
15	.177800	.403578	1.007350	1.000000	1.022130	2.758696
16	.190500	.430108	1.020496	1.000000	1.064705	2.852310
17	.203200	.448838	1.029069	1.000000	1.094759	2.916583
18	.215900	.460954	1.034332	1.000000	1.114197	2.957410
19	.228600	.465480	1.036245	1.000000	1.121458	2.972517
20	.241300	.465480	1.036245	1.000000	1.121458	2.972517
21	.254000	.458587	1.033320	1.000000	1.110399	2.949477
22	.266700	.445914	1.027767	1.000000	1.090067	2.906642
23	.279400	.427601	1.019307	1.000000	1.060683	2.843597
24	.292100	.414510	1.012919	1.000000	1.039675	2.797654
25	.304800	.411446	1.011380	1.000000	1.034758	2.786791
26	.317500	.412282	1.011802	1.000000	1.036099	2.789758
27	.330200	.408313	1.009789	1.000000	1.029729	2.775637
28	.342900	.389791	1.000000	1.000000	1.000000	2.708760
29	.355600	.369180	.988159	1.000000	.966607	2.631616
30	.368300	.361939	.983809	1.000000	.954986	2.604233
31	.381000	.361173	.983341	1.000000	.953757	2.601320
32	.393700	.362565	.984190	1.000000	.955992	2.606614
33	.406400	.363958	.985035	1.000000	.958227	2.611898
34	.419100	.365629	.986042	1.000000	.960909	2.618224
35	.431800	.366813	.986751	1.000000	.962808	2.622696
36	.444500	.367718	.987291	1.000000	.964261	2.626110
37	.457200	.369737	.988489	1.000000	.967501	2.633710
38	.469900	.371548	.989555	1.000000	.970406	2.640506
39	.482600	.373219	.990532	1.000000	.973088	2.646763
40	.495300	.374681	.991382	1.000000	.975434	2.652226
41	.508000	.376492	.992428	1.000000	.978339	2.658973
42	.520700	.378720	.993704	1.000000	.981914	2.667254
43	.533400	.380600	.994773	1.000000	.984930	2.674222

ID NO. 11410-013

STATION X= 8.46 CM PTO= 25.114 N/SQ CM TTO=303.1K
R= 2.581 CM PWALL= 1.0297 N/SQ CM CF= .00187 PI = .693
UE= 608.8 M/SEC RHOE=.00940 KG/CUB M RE= 22.425E6 /M
DELTA= .343 CM DELTA*= .0657 CM THETA= .0111 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.041000	.000000	1.000000	.390984	.000000
2	.012700	.088915	.569900	1.000000	.487390	1.110343
3	.025400	.103328	.619501	1.000000	.510242	1.234951
4	.038100	.118578	.662738	1.000000	.533761	1.351249
5	.050800	.135150	.702598	1.000000	.559058	1.466072
6	.063500	.155761	.744320	1.000000	.590078	1.595638
7	.076200	.179575	.785058	1.000000	.625921	1.733329
8	.088900	.205268	.821891	1.000000	.664253	1.869393
9	.101600	.232355	.854864	1.000000	.704557	2.002510
10	.114300	.262436	.886238	1.000000	.749488	2.141176
11	.127000	.292725	.913180	1.000000	.794452	2.271486
12	.139700	.323084	.936612	1.000000	.839479	2.394883
13	.152400	.356786	.959265	1.000000	.889429	2.524725
14	.165100	.388468	.977941	1.000000	.936361	2.640913
15	.177800	.421404	.995251	1.000000	.985456	2.757218
16	.190500	.449883	1.008597	1.000000	1.027641	2.853370
17	.203200	.468405	1.016617	1.000000	1.055071	2.914190
18	.215900	.480869	1.021749	1.000000	1.073528	2.954410
19	.228600	.486091	1.023840	1.000000	1.081261	2.971099
20	.241300	.487623	1.024447	1.000000	1.083529	2.975976
21	.254000	.486161	1.023868	1.000000	1.081364	2.971320
22	.266700	.483166	1.022673	1.000000	1.076930	2.961764
23	.279400	.479894	1.021355	1.000000	1.072084	2.951284
24	.292100	.476969	1.020165	1.000000	1.067754	2.941887
25	.304800	.472931	1.018504	1.000000	1.061773	2.928859
26	.317500	.465898	1.015560	1.000000	1.051359	2.906034
27	.330200	.450301	1.008783	1.000000	1.028259	2.854756
28	.342900	.431222	1.000000	1.000000	1.000000	2.790743
29	.355600	.417017	.993076	1.000000	.978957	2.742106
30	.368300	.412282	.990690	1.000000	.971942	2.725699
31	.381000	.409845	.989446	1.000000	.968332	2.717216
32	.393700	.392367	.980087	1.000000	.942136	2.654858
33	.406400	.372244	.968663	1.000000	.912330	2.582074
34	.419100	.364236	.963866	1.000000	.900468	2.552529
35	.431800	.363749	.963569	1.000000	.899746	2.550719
36	.444500	.365420	.964585	1.000000	.902221	2.556918
37	.457200	.367231	.965677	1.000000	.904904	2.563616
38	.469900	.368554	.966471	1.000000	.906863	2.568500
39	.482600	.370503	.967633	1.000000	.909752	2.575680
40	.495300	.372314	.968704	1.000000	.912434	2.582329
41	.508000	.373637	.969482	1.000000	.914393	2.587177
42	.520700	.375238	.970419	1.000000	.916766	2.593034
43	.533400	.377675	.971833	1.000000	.920376	2.601920

ID NO. 11410-014

STATION X= 8.97 CM PTO= 25.114 N/SQ CM TTO=303.11K
R= 2.581 CM PWALL= 1.0732 N/SQ CM CF= .00270 PI =-.185
UE= 585.1 M/SEC RHOE=.00876 KG/CUB M RE= 18.007E6 /M
DELTA= .507 CM DELTA*=-.0128 CM THETA=-.0087 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.042734	.000000	1.000000	.437483	.000000
2	.012700	.102284	.627168	1.000000	.561783	1.191901
3	.025400	.121224	.683392	1.000000	.593366	1.334761
4	.038100	.134593	.716574	1.000000	.615169	1.425050
5	.050800	.151792	.754081	1.000000	.643233	1.533465
6	.063500	.169269	.786990	1.000000	.671395	1.635048
7	.076200	.191203	.823062	1.000000	.706834	1.754542
8	.088900	.214808	.856316	1.000000	.744628	1.873597
9	.101600	.238413	.885224	1.000000	.782339	1.985285
10	.114300	.268215	.916990	1.000000	.830146	2.118430
11	.127000	.297112	.943463	1.000000	.876208	2.239239
12	.139700	.332972	.971818	1.000000	.933313	2.380514
13	.152400	.369250	.996478	1.000000	.991039	2.515273
14	.165100	.400793	1.015272	1.000000	1.041204	2.626772
15	.177800	.431500	1.031728	1.000000	1.090377	2.731653
16	.190500	.462416	1.046535	1.000000	1.139542	2.832638
17	.203200	.483306	1.055729	1.000000	1.172755	2.898867
18	.215900	.497441	1.061618	1.000000	1.195226	2.942831
19	.228600	.506284	1.065174	1.000000	1.209284	2.970003
20	.241300	.511019	1.067040	1.000000	1.216810	2.984450
21	.254000	.513595	1.068044	1.000000	1.220906	2.992281
22	.266700	.514292	1.068314	1.000000	1.222012	2.994394
23	.279400	.514918	1.068557	1.000000	1.223008	2.996294
24	.292100	.514361	1.068341	1.000000	1.222123	2.994605
25	.304800	.513804	1.068125	1.000000	1.221238	2.992915
26	.317500	.513804	1.068125	1.000000	1.221238	2.992915
27	.330200	.512969	1.067801	1.000000	1.219909	2.990378
28	.342900	.511855	1.067366	1.000000	1.218138	2.986992
29	.355600	.510532	1.066849	1.000000	1.216035	2.982966
30	.368300	.508094	1.065891	1.000000	1.212162	2.975535
31	.381000	.506284	1.065174	1.000000	1.209284	2.970003
32	.393700	.504056	1.064287	1.000000	1.205742	2.963180
33	.406400	.500714	1.062945	1.000000	1.200429	2.952916
34	.419100	.497511	1.061646	1.000000	1.195337	2.943046
35	.431800	.493124	1.059846	1.000000	1.188363	2.929474
36	.444500	.487901	1.057672	1.000000	1.180061	2.913234
37	.457200	.474671	1.052003	1.000000	1.159027	2.871679
38	.469900	.450788	1.041143	1.000000	1.121051	2.795086
39	.482600	.422448	1.027092	1.000000	1.075979	2.701366
40	.495300	.393133	1.010909	1.000000	1.029024	2.600141
41	.508000	.374263	.999616	1.000000	.999014	2.533326
42	.520700	.371617	.997967	1.000000	.994805	2.523814
43	.533400	.372731	.998663	1.000000	.996577	2.527823

ID NO. 11410-015

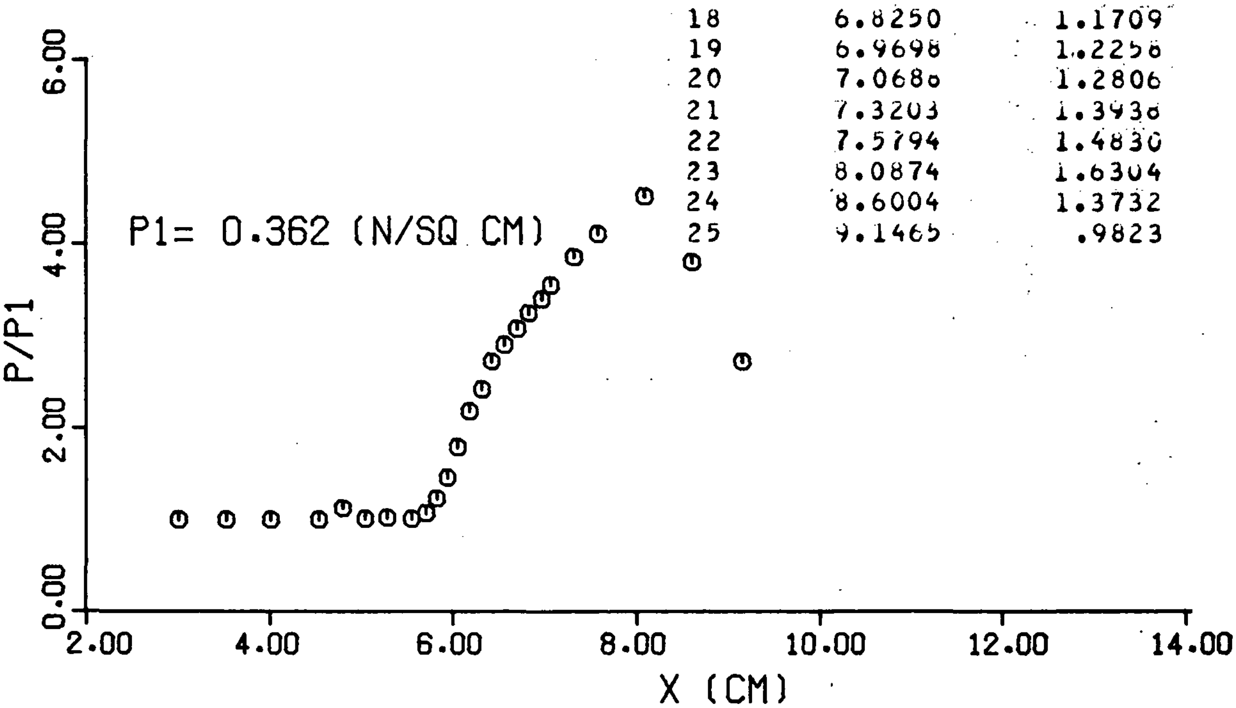
STATION X= 9.50 CM PTO= 25.114 N/SQ CM TTO=303.11K
R= 2.581 CM PWALL= 1.1257 N/SQ CM CF= .00148 PI =1.281
UE= 621.4 M/SEC RHOE=.01100 KG/CUB M RE= 28.543E6 /M
DELTA= .246 CM DELTA*= .0881 CM THETA= .0152 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.044822	.000000	1.000000	.365351	.000000
2	.012700	.110988	.601081	1.000000	.474049	1.219667
3	.025400	.134802	.660931	1.000000	.505490	1.384870
4	.038100	.149215	.691151	1.000000	.524301	1.474891
5	.050800	.165439	.720933	1.000000	.545182	1.568781
6	.063500	.185145	.752641	1.000000	.570423	1.675263
7	.076200	.204085	.779642	1.000000	.594807	1.772066
8	.088900	.225392	.806288	1.000000	.621964	1.874000
9	.101600	.250250	.833593	1.000000	.653584	1.986102
10	.114300	.278590	.860886	1.000000	.689802	2.107193
11	.127000	.307209	.884802	1.000000	.726128	2.222027
12	.139700	.337080	.906744	1.000000	.764011	2.335776
13	.152400	.370573	.928354	1.000000	.806455	2.456974
14	.165100	.408104	.949513	1.000000	.853989	2.585971
15	.177800	.438254	.964687	1.000000	.892445	2.685801
16	.190500	.467848	.978068	1.000000	.929920	2.779640
17	.203200	.489990	.987286	1.000000	.957955	2.847817
18	.215900	.506841	.993893	1.000000	.979286	2.898619
19	.228600	.516102	.997385	1.000000	.991009	2.926162
20	.241300	.521951	.999542	1.000000	.998412	2.943424
21	.254000	.524736	1.000556	1.000000	1.001938	2.951608
22	.266700	.525781	1.000935	1.000000	1.003260	2.954671
23	.279400	.526825	1.001312	1.000000	1.004582	2.957731
24	.292100	.528148	1.001788	1.000000	1.006256	2.961602
25	.304800	.530028	1.002461	1.000000	1.008636	2.967095
26	.317500	.531073	1.002834	1.000000	1.009957	2.970142
27	.330200	.531630	1.003032	1.000000	1.010663	2.971766
28	.342900	.531769	1.003082	1.000000	1.010839	2.972172
29	.355600	.533371	1.003650	1.000000	1.012866	2.976835
30	.368300	.534206	1.003945	1.000000	1.013923	2.979265
31	.381000	.534624	1.004092	1.000000	1.014452	2.980479
32	.393700	.535042	1.004239	1.000000	1.014981	2.981693
33	.406400	.535529	1.004411	1.000000	1.015598	2.983108
34	.419100	.536225	1.004656	1.000000	1.016479	2.985129
35	.431800	.536225	1.004656	1.000000	1.016479	2.985129
36	.444500	.536782	1.004851	1.000000	1.017184	2.986744
37	.457200	.536017	1.004582	1.000000	1.016215	2.984523
38	.469900	.535042	1.004239	1.000000	1.014981	2.981693
39	.482600	.534206	1.003945	1.000000	1.013923	2.979265
40	.495300	.533510	1.003699	1.000000	1.013042	2.977240
41	.508000	.532396	1.003304	1.000000	1.011532	2.973997
42	.520700	.531212	1.002883	1.000000	1.010134	2.970548
43	.533400	.529123	1.002138	1.000000	1.007490	2.964452

ID NO. 11413-001

PTO= 25.3240 N/SQ CM
TTO= 301.3333 K
PBAR= 756.0000 MMHG
TMAN= 298.6667 K

I	X(CM)	P(N/SQ CM)
1	3.0074	.3615
2	3.5255	.3615
3	4.0061	.3615
4	4.5339	.3615
5	4.7904	.4061
6	5.0394	.3649
7	5.2781	.3684
8	5.5499	.3649
9	5.7099	.3855
10	5.8242	.4438
11	5.9411	.5261
12	6.0528	.6462
13	6.1798	.7866
14	6.3170	.8725
15	6.4237	.9823
16	6.5634	1.0474
17	6.7005	1.1091
18	6.8250	1.1709
19	6.9698	1.2258
20	7.0686	1.2806
21	7.3203	1.3938
22	7.5794	1.4830
23	8.0874	1.6304
24	8.6004	1.3732
25	9.1465	.9823



ID NO. 11413 -001

ID NO. 11413-002

STATION X= 4.80 CM PTO= 25.347 N/SQ CM TTO=301.67K
R= 2.581 CM PWALL= .3616 N/SQ CM CF= .00181 PI = .284
UE= 670.7 M/SEC RHOE=.00504 KG/CUB M RE= 20.524E6 /M
DELTA= .417 CM DELTA*= .1201 CM THETA= .0150 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.014266	.000000	1.000000	.257301	.000000
2	.012700	.061716	.707768	1.000000	.409744	1.721149
3	.025400	.078067	.765794	1.000000	.455842	1.964220
4	.038100	.087312	.792102	1.000000	.481826	2.088804
5	.050800	.094004	.809104	1.000000	.500787	2.175213
6	.063500	.099524	.821835	1.000000	.516283	2.243364
7	.076200	.106078	.835760	1.000000	.534675	2.321654
8	.088900	.112080	.847510	1.000000	.551510	2.391072
9	.101600	.119463	.860810	1.000000	.572206	2.473745
10	.114300	.127190	.873540	1.000000	.593862	2.557388
11	.127000	.134986	.885306	1.000000	.615703	2.639067
12	.139700	.142644	.896039	1.000000	.637360	2.717629
13	.152400	.151268	.907050	1.000000	.661523	2.802689
14	.165100	.160237	.917552	1.000000	.686648	2.888478
15	.177800	.168516	.926490	1.000000	.709836	2.965452
16	.190500	.178244	.936174	1.000000	.737078	3.053405
17	.203200	.186799	.944042	1.000000	.761032	3.128700
18	.215900	.195906	.951826	1.000000	.786528	3.206903
19	.228600	.204875	.958957	1.000000	.811536	3.282092
20	.241300	.214396	.966006	1.000000	.838286	3.360061
21	.254000	.222675	.971743	1.000000	.861458	3.426413
22	.266700	.232679	.978295	1.000000	.889722	3.505646
23	.279400	.239027	.982184	1.000000	.907494	3.554561
24	.292100	.246616	.986620	1.000000	.928742	3.612174
25	.304800	.252342	.989823	1.000000	.944774	3.655043
26	.317500	.258552	.993164	1.000000	.962157	3.700966
27	.330200	.262346	.995141	1.000000	.972780	3.728750
28	.342900	.265796	.996899	1.000000	.982437	3.753830
29	.355600	.267728	.997866	1.000000	.987845	3.767801
30	.368300	.269521	.998755	1.000000	.992857	3.780728
31	.381000	.270763	.999364	1.000000	.996343	3.789652
32	.393700	.271453	.999701	1.000000	.998274	3.794601
33	.406400	.272005	.999969	1.000000	.999819	3.798555
34	.419100	.272074	1.000002	1.000000	1.000013	3.799049
35	.431800	.272212	1.000069	1.000000	1.000399	3.800036
36	.444500	.272695	1.000303	1.000000	1.001751	3.803492
37	.457200	.273040	1.000469	1.000000	1.002716	3.805958
38	.469900	.273385	1.000635	1.000000	1.003682	3.808422
39	.482600	.273385	1.000635	1.000000	1.003682	3.808422
40	.495300	.273316	1.000602	1.000000	1.003489	3.807929
41	.508000	.273247	1.000569	1.000000	1.003296	3.807437
42	.520700	.273040	1.000469	1.000000	1.002716	3.805958
43	.533400	.272902	1.000403	1.000000	1.002330	3.804971

ID NO. 11413-003

STATION X= 5.03 CM PTO= 25.347 N/SQ CM TTO=301.67K
R= 2.581 CM PWALL= .3650 N/SQ CM CF= .00180 PI = .300
UE= 669.9 M/SEC RHOE=.00506 KG/CUB M RE= 20.414E6 /M
DELTA= .420 CM DELTA*= .1217 CM THETA= .0153 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.014401	.000000	1.000000	.258995	.000000
2	.012700	.060543	.701263	1.000000	.407484	1.693112
3	.025400	.077446	.762489	1.000000	.455026	1.945367
4	.038100	.086346	.788238	1.000000	.479976	2.065459
5	.050800	.092970	.805386	1.000000	.498691	2.151142
6	.063500	.099041	.819604	1.000000	.515691	2.226118
7	.076200	.105181	.832830	1.000000	.532874	2.299420
8	.088900	.111046	.844508	1.000000	.549277	2.367277
9	.101600	.119739	.860323	1.000000	.573581	2.464386
10	.114300	.126293	.871214	1.000000	.591898	2.535116
11	.127000	.134365	.883565	1.000000	.614450	2.619577
12	.139700	.141471	.893680	1.000000	.634502	2.692451
13	.152400	.150716	.905655	1.000000	.660333	2.783516
14	.165100	.158374	.914779	1.000000	.681725	2.856738
15	.177800	.168102	.925457	1.000000	.708894	2.947111
16	.190500	.177002	.934436	1.000000	.733747	3.027417
17	.203200	.185281	.942189	1.000000	.756863	3.100244
18	.215900	.193906	.949714	1.000000	.780939	3.174321
19	.228600	.203220	.957276	1.000000	.806939	3.252422
20	.241300	.212396	.964211	1.000000	.832551	3.327566
21	.254000	.221365	.970544	1.000000	.857583	3.399404
22	.266700	.230196	.976452	1.000000	.882490	3.469408
23	.279400	.237509	.981028	1.000000	.902908	3.525758
24	.292100	.244753	.985341	1.000000	.923133	3.580699
25	.304800	.251514	.989183	1.000000	.942008	3.631226
26	.317500	.256827	.992085	1.000000	.956838	3.670436
27	.330200	.260552	.994063	1.000000	.967238	3.697686
28	.342900	.263933	.995818	1.000000	.976675	3.722239
29	.355600	.266624	.997188	1.000000	.984186	3.741666
30	.368300	.268693	.998227	1.000000	.989964	3.756542
31	.381000	.269866	.998809	1.000000	.993237	3.764945
32	.393700	.271039	.999388	1.000000	.996511	3.773329
33	.406400	.271867	.999794	1.000000	.998822	3.779236
34	.419100	.272281	.999996	1.000000	.999978	3.782186
35	.431800	.272419	1.000063	1.000000	1.000363	3.783169
36	.444500	.272557	1.000131	1.000000	1.000748	3.784152
37	.457200	.272557	1.000131	1.000000	1.000748	3.784152
38	.469900	.272557	1.000131	1.000000	1.000748	3.784152
39	.482600	.272557	1.000131	1.000000	1.000748	3.784152
40	.495300	.272902	1.000298	1.000000	1.001711	3.786607
41	.508000	.273454	1.000566	1.000000	1.003252	3.790533
42	.520700	.274144	1.000900	1.000000	1.005178	3.795434
43	.533400	.274903	1.001265	1.000000	1.007296	3.800817

ID NO. 11413-004

STATION X= 5.28 CM PTO= 25.347 N/SQ CM TTO=301.67K
R= 2.581 CM PWALL= .3684 N/SQ CM CF= .00181 PI = .298
UE= 668.8 M/SEC RHOE=.00506 KG/CUB M RE= 20.167E6 /M
DELTA= .418 CM DELTA*= .1205 CM THETA= .0153 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.014536	.000000	1.000000	.251470	.000000
2	.012700	.063372	.711724	1.000000	.417753	1.728740
3	.025400	.078274	.764075	1.000000	.459656	1.946754
4	.038100	.086898	.788863	1.000000	.483837	2.062098
5	.050800	.092763	.804094	1.000000	.500430	2.137651
6	.063500	.099041	.818891	1.000000	.518014	2.214906
7	.076200	.105043	.831898	1.000000	.534816	2.286283
8	.088900	.111597	.844984	1.000000	.553153	2.361725
9	.101600	.118014	.856801	1.000000	.571096	2.433283
10	.114300	.125741	.869886	1.000000	.592697	2.516730
11	.127000	.132640	.880636	1.000000	.611977	2.588941
12	.139700	.141402	.893180	1.000000	.636455	2.677817
13	.152400	.149888	.904389	1.000000	.660374	2.761901
14	.165100	.158305	.914524	1.000000	.683891	2.842149
15	.177800	.167895	.925132	1.000000	.710680	2.930885
16	.190500	.177278	.934658	1.000000	.736886	3.015166
17	.203200	.186661	.943442	1.000000	.763089	3.097141
18	.215900	.195216	.950876	1.000000	.786977	3.170028
19	.228600	.203358	.957494	1.000000	.809706	3.237859
20	.241300	.213292	.965026	1.000000	.837441	3.318749
21	.254000	.221434	.970796	1.000000	.860167	3.383588
22	.266700	.230058	.976611	1.000000	.884500	3.451665
23	.279400	.238544	.981943	1.000000	.908197	3.516693
24	.292100	.245995	.986379	1.000000	.929003	3.572813
25	.304800	.252066	.989835	1.000000	.945955	3.617895
26	.317500	.257172	.992637	1.000000	.960209	3.655373
27	.330200	.261518	.994953	1.000000	.972345	3.686979
28	.342900	.264692	.996604	1.000000	.981206	3.709886
29	.355600	.266831	.997698	1.000000	.987177	3.725244
30	.368300	.268693	.998639	1.000000	.992378	3.738568
31	.381000	.269935	.999261	1.000000	.995845	3.747425
32	.393700	.270763	.999673	1.000000	.998156	3.753318
33	.406400	.271108	.999844	1.000000	.999119	3.755770
34	.419100	.271453	1.000015	1.000000	1.000082	3.758221
35	.431800	.271936	1.000253	1.000000	1.001431	3.761650
36	.444500	.272833	1.000694	1.000000	1.003935	3.768009
37	.457200	.273592	1.001065	1.000000	1.006053	3.773382
38	.469900	.274282	1.001400	1.000000	1.007980	3.778259
39	.482600	.274765	1.001635	1.000000	1.009328	3.781670
40	.495300	.274765	1.001635	1.000000	1.009328	3.781670
41	.508000	.274765	1.001635	1.000000	1.009328	3.781670
42	.520700	.275110	1.001802	1.000000	1.010291	3.784104
43	.533400	.284424	1.006181	1.000000	1.036293	3.849243

ID NO. 11413-005

STATION X= 5.56 CM PTO= 25.347 N/SQ CM TTO=301.67K
R= 2.581 CM PWALL= .3650 N/SQ CM CF= .00178 PI = .316
UE= 669.8 M/SEC RHOE=.00505 KG/CUB M RE= 20.391E6 /M
DELTA= .423 CM DELTA*= .1232 CM THETA= .0155 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.014401	.000000	1.000000	.259125	.000000
2	.012700	.062406	.709068	1.000000	.412945	1.722806
3	.025400	.076549	.759749	1.000000	.452736	1.932838
4	.038100	.085518	.786060	1.000000	.477896	2.054591
5	.050800	.092211	.803591	1.000000	.496814	2.141582
6	.063500	.097109	.815282	1.000000	.510539	2.202544
7	.076200	.103180	.828711	1.000000	.527540	2.275798
8	.088900	.109321	.841237	1.000000	.544726	2.347525
9	.101600	.116289	.854321	1.000000	.564221	2.426321
10	.114300	.124085	.867713	1.000000	.586022	2.511516
11	.127000	.131674	.879646	1.000000	.607238	2.591732
12	.139700	.139194	.890531	1.000000	.628254	2.668820
13	.152400	.146991	.901042	1.000000	.650249	2.747184
14	.165100	.155891	.911973	1.000000	.675125	2.833199
15	.177800	.163135	.920205	1.000000	.695369	2.901317
16	.190500	.173001	.930568	1.000000	.722935	2.991579
17	.203200	.181625	.938914	1.000000	.747028	3.068293
18	.215900	.191008	.947327	1.000000	.773237	3.149627
19	.228600	.200460	.955176	1.000000	.799636	3.229478
20	.241300	.209429	.962105	1.000000	.824683	3.303459
21	.254000	.219226	.969156	1.000000	.852040	3.382413
22	.266700	.227091	.974463	1.000000	.874001	3.444484
23	.279400	.235646	.979970	1.000000	.898157	3.511491
24	.292100	.244063	.985025	1.000000	.921668	3.575503
25	.304800	.250962	.988962	1.000000	.940938	3.627128
26	.317500	.257241	.992394	1.000000	.958473	3.673474
27	.330200	.261725	.994763	1.000000	.970998	3.706223
28	.342900	.264899	.996399	1.000000	.979862	3.729225
29	.355600	.268003	.997969	1.000000	.988532	3.751590
30	.368300	.270142	.999033	1.000000	.994506	3.766919
31	.381000	.271936	.999915	1.000000	.999515	3.779728
32	.393700	.273316	1.000587	1.000000	1.003369	3.789552
33	.406400	.274351	1.001087	1.000000	1.006259	3.796903
34	.419100	.275110	1.001452	1.000000	1.008378	3.802284
35	.431800	.283251	1.005263	1.000000	1.031114	3.859542
36	.444500	.351829	1.031349	1.000000	1.222606	4.311732
37	.457200	.414820	1.048677	1.000000	1.398845	4.689529
38	.469900	.417717	1.049363	1.000000	1.406937	4.706149
39	.482600	.418752	1.049605	1.000000	1.409827	4.712070
40	.495300	.420201	1.049944	1.000000	1.413874	4.720348
41	.508000	.421512	1.050248	1.000000	1.417535	4.727824
42	.520700	.421926	1.050344	1.000000	1.418691	4.730183
43	.533400	.423582	1.050725	1.000000	1.423315	4.739605

STATION X= 5.82 CM PTO= 25.347 N/SQ CM TTO=301.67K
R= 2.581 CM PWALL= .4439 N/SQ CM CF= .00158 PI = .796
UE= 659.3 M/SEC RHOE=.00564 KG/CUB M RE= 20.452E6 /M
DELTA= .343 CM DELTA*= .1382 CM THETA= .0188 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.017512	.000000	1.000000	.282171	.000000
2	.012700	.055576	.636690	1.000000	.397978	1.432507
3	.025400	.071789	.705710	1.000000	.439174	1.667955
4	.038100	.082552	.741915	1.000000	.466491	1.807240
5	.050800	.090969	.760196	1.000000	.487663	1.908307
6	.063500	.097109	.782167	1.000000	.503119	1.978677
7	.076200	.103801	.798149	1.000000	.519926	2.052553
8	.088900	.109390	.810643	1.000000	.534127	2.112963
9	.101600	.115599	.823411	1.000000	.549711	2.177326
10	.114300	.122774	.837063	1.000000	.567707	2.249366
11	.127000	.128846	.847794	1.000000	.582928	2.308540
12	.139700	.136297	.860049	1.000000	.601600	2.379122
13	.152400	.144093	.871910	1.000000	.621129	2.450769
14	.165100	.151958	.882993	1.000000	.640824	2.520964
15	.177800	.160858	.894588	1.000000	.663103	2.598065
16	.190500	.168792	.904169	1.000000	.682960	2.664938
17	.203200	.178037	.914637	1.000000	.706323	2.741510
18	.215900	.188248	.925200	1.000000	.731661	2.822900
19	.228600	.197700	.934243	1.000000	.755535	2.896189
20	.241300	.206186	.941824	1.000000	.776769	2.960434
21	.254000	.215155	.949337	1.000000	.799208	3.026845
22	.266700	.223848	.956175	1.000000	.820955	3.089844
23	.279400	.233024	.962960	1.000000	.843907	3.154972
24	.292100	.240820	.968407	1.000000	.863407	3.209264
25	.304800	.248479	.973495	1.000000	.882559	3.261711
26	.317500	.255585	.978000	1.000000	.900331	3.309632
27	.330200	.265727	.984096	1.000000	.925692	3.376841
28	.342900	.295325	1.000000	1.000000	1.000000	3.566480
29	.355600	.389706	1.036853	1.000000	1.236036	4.111238
30	.368300	.414958	1.044280	1.000000	1.299175	4.245126
31	.381000	.419235	1.045462	1.000000	1.309871	4.267390
32	.393700	.421374	1.046046	1.000000	1.315218	4.278478
33	.406400	.422547	1.046363	1.000000	1.318151	4.284546
34	.419100	.423789	1.046698	1.000000	1.321256	4.290962
35	.431800	.424479	1.046884	1.000000	1.322981	4.294523
36	.444500	.424823	1.046976	1.000000	1.323643	4.296302
37	.457200	.425582	1.047179	1.000000	1.325741	4.300213
38	.469900	.426548	1.047436	1.000000	1.328156	4.305186
39	.482600	.426341	1.047381	1.000000	1.327638	4.304121
40	.495300	.426893	1.047528	1.000000	1.329019	4.306961
41	.508000	.427790	1.047766	1.000000	1.331261	4.311571
42	.520700	.428411	1.047930	1.000000	1.332814	4.314761
43	.533400	.429446	1.048203	1.000000	1.335401	4.320071

ID NO. 11413-007

STATION X= 6.05 CM PTO= 25.347 N/SQ CM TTO=301.67K
R= 2.581 CM PWALL= .6461 N/SQ CM CF= .00096 PI ..=1.971
UE= 658.9 M/SEC RHOE=.00819 KG/CUB M RE= 29.521E6 /M
DELTA= .386 CM DELTA*= .1677 CM THETA= .0210 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.025491	.000000	1.000000	.283222	.000000
2	.012700	.044468	.452851	1.000000	.332026	.928230
3	.025400	.053092	.512297	1.000000	.346646	1.076347
4	.038100	.061992	.560299	1.000000	.365458	1.204905
5	.050800	.073100	.608490	1.000000	.385543	1.344012
6	.063500	.086553	.655764	1.000000	.409419	1.492604
7	.076200	.098627	.690961	1.000000	.430566	1.612824
8	.088900	.109390	.718361	1.000000	.449479	1.713211
9	.101600	.120429	.743012	1.000000	.468686	1.809465
10	.114300	.130432	.763017	1.000000	.486056	1.892304
11	.127000	.139401	.779358	1.000000	.501607	1.963506
12	.139700	.147819	.793504	1.000000	.516186	2.027990
13	.152400	.155546	.805593	1.000000	.529560	2.085389
14	.165100	.163204	.816967	1.000000	.542991	2.141483
15	.177800	.169275	.825377	1.000000	.553496	2.184354
16	.190500	.174664	.832766	1.000000	.563162	2.223070
17	.203200	.181763	.841459	1.000000	.575091	2.269943
18	.215900	.189007	.850115	1.000000	.587612	2.316123
19	.228600	.199563	.861939	1.000000	.605651	2.386563
20	.241300	.222606	.884949	1.000000	.645645	2.529466
21	.254000	.273592	.925584	1.000000	.733864	2.820572
22	.266700	.329269	.958657	1.000000	.829921	3.106673
23	.279400	.356659	.971938	1.000000	.877160	3.236111
24	.292100	.377288	.980928	1.000000	.912732	3.333670
25	.304800	.394536	.987867	1.000000	.942472	3.411507
26	.317500	.405651	.992222	1.000000	.962265	3.462342
27	.330200	.413654	.995144	1.000000	.976070	3.497359
28	.342900	.419442	.997131	1.000000	.985709	3.521603
29	.355600	.422547	.998217	1.000000	.991064	3.534999
30	.368300	.425168	.999124	1.000000	.995566	3.546273
31	.381000	.427031	.999762	1.000000	.998799	3.554261
32	.393700	.428825	1.000373	1.000000	1.001893	3.561936
33	.406400	.430136	1.000817	1.000000	1.004153	3.567535
34	.419100	.431585	1.001305	1.000000	1.006652	3.573712
35	.431800	.432965	1.001767	1.000000	1.009032	3.579586
36	.444500	.433034	1.001790	1.000000	1.009151	3.579879
37	.457200	.433034	1.001790	1.000000	1.009151	3.579879
38	.469900	.433034	1.001790	1.000000	1.009151	3.579879
39	.482600	.433448	1.001928	1.000000	1.009665	3.581639
40	.495300	.433861	1.002066	1.000000	1.010579	3.583398
41	.508000	.433861	1.002066	1.000000	1.010579	3.583398
42	.520700	.433861	1.002066	1.000000	1.010579	3.583398
43	.533400	.433930	1.002089	1.000000	1.010696	3.583692

ID NO. 11413-008

STATION X= 6.32 CM PTO= 25.347 N/SQ CM TTO=301.67K
R= 2.581 CM PWALL= .8723 N/SQ CM CF= .00043 PI =5.820
UE= 627.8 M/SEC RHOE=.00896 KG/CUB M RE= 24.783E6 /M
DELTA= .275 CM DELTA*= .1417 CM THETA= .0185 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.034416	.000000	1.000000	.349233	.000000
2	.012700	.045020	.336900	1.000000	.377085	.631483
3	.025400	.046124	.351166	1.000000	.379704	.660504
4	.038100	.048193	.375410	1.000000	.384497	.710547
5	.050800	.051436	.408240	1.000000	.391717	.779906
6	.063500	.056059	.447140	1.000000	.401468	.864787
7	.076200	.062337	.489764	1.000000	.413331	.961698
8	.088900	.070823	.533546	1.000000	.428640	1.066248
9	.101600	.081241	.578468	1.000000	.446454	1.179800
10	.114300	.095522	.628838	1.000000	.470244	1.316259
11	.127000	.111597	.674931	1.000000	.496383	1.451470
12	.139700	.133261	.725366	1.000000	.531076	1.613526
13	.152400	.160444	.776235	1.000000	.574503	1.795891
14	.165100	.190318	.820765	1.000000	.621845	1.975607
15	.177800	.226608	.864177	1.000000	.679433	2.174283
16	.190500	.264968	.900803	1.000000	.739998	2.365296
17	.203200	.310365	.935638	1.000000	.811591	2.572865
18	.215900	.351346	.961435	1.000000	.876460	2.747430
19	.228600	.403643	.988426	1.000000	.958980	2.954383
20	.241300	.432413	1.001123	1.000000	1.004207	3.062242
21	.254000	.445866	1.006625	1.000000	1.025400	3.111391
22	.266700	.440554	1.004483	1.000000	1.017032	3.092077
23	.279400	.425444	.998169	1.000000	.993229	3.036471
24	.292100	.419097	.995413	1.000000	.983229	3.012804
25	.304800	.418338	.995079	1.000000	.982033	3.009962
26	.317500	.419994	.995806	1.000000	.984642	3.016160
27	.330200	.422202	.996769	1.000000	.988120	3.024404
28	.342900	.424685	.997843	1.000000	.992033	3.033651
29	.355600	.426548	.998642	1.000000	.994968	3.040569
30	.368300	.428204	.999348	1.000000	.997577	3.046704
31	.381000	.429515	.999904	1.000000	.999642	3.051552
32	.393700	.430826	1.000457	1.000000	1.001707	3.056393
33	.406400	.432068	1.000979	1.000000	1.003663	3.060972
34	.419100	.433792	1.001700	1.000000	1.006380	3.067320
35	.431800	.435103	1.002245	1.000000	1.008445	3.072135
36	.444500	.436000	1.002616	1.000000	1.009858	3.075426
37	.457200	.436897	1.002986	1.000000	1.011271	3.078713
38	.469900	.437587	1.003270	1.000000	1.012358	3.081239
39	.482600	.436897	1.002986	1.000000	1.011271	3.078713
40	.495300	.436897	1.002986	1.000000	1.011271	3.078713
41	.508000	.436621	1.002872	1.000000	1.010837	3.077702
42	.520700	.436483	1.002815	1.000000	1.010619	3.077196
43	.533400	.436138	1.002673	1.000000	1.010076	3.075932

ID NO. 11413-009

STATION X= 6.55 CM PTO= 25.347 N/SQ CM TTO=301.67K
R= 2.581 CM PWALL= 1.0472 N/SQ CM CF= .00037 PI =6.177
UE= 640.8 M/SEC RHOE=.01167 KG/CUB M RE= 35.774E6 /M
DELTA= .296 CM DELTA*= .1630 CM THETA= .0199 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.041314	.000000	1.000000	.322029	.000000
2	.012700	.051643	.301846	1.000000	.343230	.573748
3	.025400	.053092	.319386	1.000000	.345954	.609494
4	.038100	.056059	.350959	1.000000	.351371	.674967
5	.050800	.060060	.386707	1.000000	.358361	.751079
6	.063500	.065993	.429818	1.000000	.368138	.846123
7	.076200	.074204	.476711	1.000000	.380681	.954286
8	.088900	.086070	.526829	1.000000	.396670	1.076535
9	.101600	.101111	.578028	1.000000	.416338	1.210084
10	.114300	.121463	.632905	1.000000	.442089	1.365327
11	.127000	.144024	.681653	1.000000	.470129	1.516405
12	.139700	.170034	.727219	1.000000	.502028	1.671754
13	.152400	.197424	.766951	1.000000	.535636	1.821150
14	.165100	.221089	.795911	1.000000	.564445	1.940077
15	.177800	.247168	.823533	1.000000	.596134	2.062985
16	.190500	.273661	.848078	1.000000	.628497	2.181377
17	.203200	.305673	.873620	1.000000	.667329	2.315453
18	.215900	.341412	.898106	1.000000	.710641	2.456382
19	.228600	.386671	.924367	1.000000	.765452	2.623898
20	.241300	.434689	.947860	1.000000	.823846	2.791325
21	.254000	.480707	.966931	1.000000	.879554	2.942186
22	.266700	.522655	.982051	1.000000	.930321	3.073221
23	.279400	.555150	.992536	1.000000	.969541	3.170992
24	.292100	.577159	.999110	1.000000	.996268	3.235525
25	.304800	.580057	.999946	1.000000	.999774	3.243926
26	.317500	.557082	.993129	1.000000	.971978	3.176709
27	.330200	.498094	.973434	1.000000	.900597	2.997195
28	.342900	.445452	.952584	1.000000	.836877	2.827335
29	.355600	.429998	.945746	1.000000	.818165	2.775481
30	.368300	.427100	.944423	1.000000	.814657	2.765650
31	.381000	.428342	.944992	1.000000	.816160	2.769867
32	.393700	.429377	.945463	1.000000	.817413	2.773377
33	.406400	.431033	.946215	1.000000	.819418	2.778984
34	.419100	.431930	.946620	1.000000	.820504	2.782016
35	.431800	.432896	.947056	1.000000	.821674	2.785278
36	.444500	.433655	.947396	1.000000	.822593	2.787838
37	.457200	.435034	.948014	1.000000	.824264	2.792486
38	.469900	.436069	.948475	1.000000	.825517	2.795968
39	.482600	.436690	.948751	1.000000	.826268	2.798054
40	.495300	.437449	.949088	1.000000	.827187	2.800603
41	.508000	.437794	.949240	1.000000	.827605	2.801760
42	.520700	.438277	.949454	1.000000	.828190	2.803380
43	.533400	.438415	.949515	1.000000	.828357	2.803843

ID NO. 11413-010

STATION X= 6.03 CM PT0= 25.347 N/SQ CM TT0=301.07K
R= 2.581 CM PWALL= 1.1706 N/SQ CM CF= .00001 PI =4.672
UE= 603.9 M/SEC RHOE=.01056 KG/CUB M RE= 24.079E6 /M
DELTA= .249 CM DELTA*= .1217 CM THETA= .0194 CM

I	Y(CM)	PT/PT0	U/UE	TT/TT0	RHO/RHOE	M
1	.000000	.046182	.000000	1.000000	.397746	.000000
2	.012700	.061716	.363331	1.000000	.432099	.657153
3	.025400	.064614	.389764	1.000000	.437601	.709597
4	.038100	.069581	.428373	1.000000	.447165	.786185
5	.050800	.075721	.457720	1.000000	.458101	.871041
6	.063500	.084897	.514893	1.000000	.473319	.974690
7	.076200	.096074	.558524	1.000000	.489756	1.075486
8	.088900	.111666	.609399	1.000000	.512335	1.200190
9	.101600	.131605	.661877	1.000000	.540296	1.338645
10	.114300	.155691	.713644	1.000000	.573717	1.487313
11	.127000	.186454	.760076	1.000000	.615179	1.653274
12	.139700	.218536	.811030	1.000000	.658677	1.811110
13	.152400	.250410	.847965	1.000000	.701551	1.954249
14	.165100	.283527	.880418	1.000000	.746000	2.092329
15	.177800	.316782	.910034	1.000000	.793556	2.230547
16	.190500	.356590	.937071	1.000000	.844165	2.368969
17	.203200	.392535	.959319	1.000000	.892307	2.493400
18	.215900	.429998	.979622	1.000000	.942435	2.616710
19	.228600	.452765	.990864	1.000000	.973196	2.689594
20	.241300	.467185	.997499	1.000000	.992493	2.734313
21	.254000	.476085	1.001446	1.000000	1.004401	2.761551
22	.266700	.483191	1.004520	1.000000	1.013908	2.783106
23	.279400	.490918	1.007786	1.000000	1.024246	2.806355
24	.292100	.500232	1.011624	1.000000	1.035705	2.834124
25	.304800	.510236	1.015628	1.000000	1.050087	2.863647
26	.317500	.521068	1.019834	1.000000	1.064572	2.895273
27	.330200	.534039	1.024699	1.000000	1.081923	2.932691
28	.342900	.547147	1.029437	1.000000	1.099454	2.970026
29	.355600	.558186	1.033295	1.000000	1.114215	3.001104
30	.368300	.568052	1.036646	1.000000	1.127406	3.028608
31	.381000	.565223	1.035694	1.000000	1.123626	3.020748
32	.393700	.522310	1.020307	1.000000	1.066236	2.898876
33	.406400	.456422	.992576	1.000000	.978091	2.701005
34	.419100	.435586	.982432	1.000000	.949906	2.634605
35	.431800	.431661	.980564	1.000000	.944925	2.622609
36	.444500	.432068	.980669	1.000000	.945202	2.623352
37	.457200	.433241	.981259	1.000000	.946771	2.627109
38	.469900	.435172	.982226	1.000000	.949355	2.633284
39	.482600	.436759	.983016	1.000000	.951477	2.638345
40	.495300	.438001	.983631	1.000000	.953136	2.642300
41	.508000	.439864	.984549	1.000000	.955630	2.648220
42	.520700	.440623	.984921	1.000000	.956645	2.650628
43	.533400	.441106	.985158	1.000000	.957291	2.652160

ID NO. 11413-011

STATION X= 7.09 CM PTO= 25.347 N/SQ CM TTO=301.67K
R= 2.561 CM PWALL= 1.2803 N/SQ CM CF= .00109 PI =2.264
UE= 600.5 M/SEC RHOE=.01136 KG/CUB M RE= 25.963E6 /M
DELTA= .343 CM DELTA*= .1080 CM THETA= .0181 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.050510	.000000	1.000000	.404488	.000000
2	.012700	.073583	.413701	1.000000	.450393	.753285
3	.025400	.077998	.442776	1.000000	.457955	.812966
4	.038100	.085035	.481880	1.000000	.469398	.895750
5	.050800	.094004	.522568	1.000000	.483041	.985398
6	.063500	.105595	.563189	1.000000	.498682	1.079055
7	.076200	.120704	.609030	1.000000	.519165	1.190607
8	.088900	.139815	.656528	1.000000	.544166	1.314002
9	.101600	.164170	.706266	1.000000	.575414	1.453568
10	.114300	.193837	.755667	1.000000	.612914	1.605118
11	.127000	.230334	.805281	1.000000	.658965	1.773601
12	.139700	.267038	.845959	1.000000	.704900	1.927038
13	.152400	.304983	.881092	1.000000	.752270	2.073411
14	.165100	.349622	.915857	1.000000	.808187	2.233885
15	.177800	.394605	.945138	1.000000	.864222	2.383884
16	.190500	.438139	.969359	1.000000	.918409	2.520460
17	.203200	.479466	.989374	1.000000	.969818	2.643522
18	.215900	.506925	1.002285	1.000000	1.006761	2.728574
19	.228600	.522586	1.007856	1.000000	1.023776	2.766802
20	.241300	.524863	1.008764	1.000000	1.026608	2.773122
21	.254000	.519895	1.006776	1.000000	1.020429	2.759315
22	.266700	.510857	1.003086	1.000000	1.009185	2.734013
23	.279400	.500232	.998623	1.000000	.995965	2.703964
24	.292100	.492436	.995148	1.000000	.985949	2.680971
25	.304800	.490159	.994151	1.000000	.983118	2.674436
26	.317500	.490159	.994151	1.000000	.983118	2.674436
27	.330200	.495196	.996459	1.000000	.989699	2.689602
28	.342900	.503475	1.000000	1.000000	1.000000	2.713170
29	.355600	.513893	1.004336	1.000000	1.012961	2.742538
30	.368300	.525001	1.008819	1.000000	1.026780	2.773505
31	.381000	.536039	1.013136	1.000000	1.040512	2.803938
32	.393700	.546733	1.017195	1.000000	1.053813	2.833107
33	.406400	.557641	1.021286	1.000000	1.067029	2.863088
34	.419100	.564671	1.023742	1.000000	1.076124	2.881367
35	.431800	.556461	1.020785	1.000000	1.065913	2.859381
36	.444500	.507959	1.001883	1.000000	1.005580	2.725851
37	.457200	.451593	.976154	1.000000	.935147	2.561177
38	.469900	.439174	.969893	1.000000	.919696	2.523615
39	.482600	.437725	.969145	1.000000	.917893	2.519196
40	.495300	.438346	.969466	1.000000	.918666	2.521091
41	.508000	.439165	.969858	1.000000	.919610	2.523465
42	.520700	.440692	.970673	1.000000	.921585	2.528237
43	.533400	.441175	.970920	1.000000	.922180	2.529705

ID NO. 11413-012

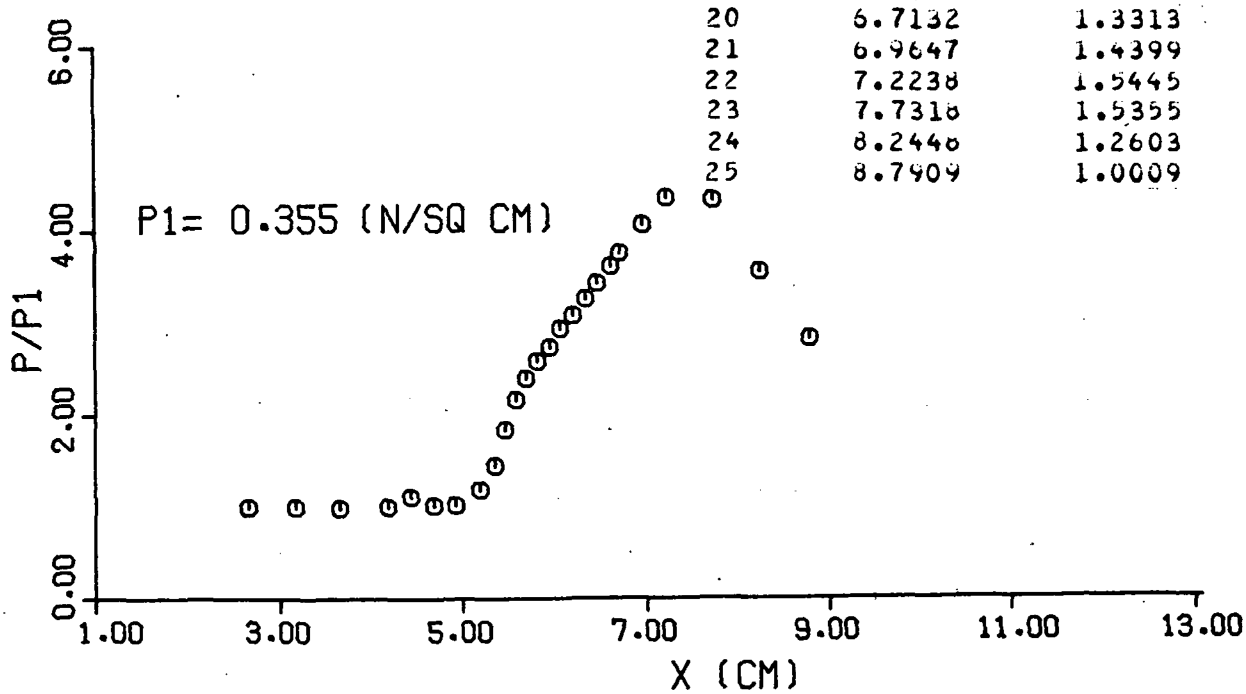
STATION X= 7.32 CM PTO= 25.347 N/SQ CM TTO=301.67K
R= 2.581 CM PWALL= 1.3934 N/SQ CM CF= .00130 PI =1.786
UE= 590.6 M/SEC RHOE=.01179 KG/CUB M RE= 25.318E6 /M
DELTA= .343 CM DELTA*= .0867 CM THETA= .0153 CM

I	Y(CM)	PI/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.054973	.000000	1.000000	.424077	.000000
2	.012700	.085311	.452645	1.000000	.480612	.817882
3	.025400	.091452	.484767	1.000000	.490456	.884664
4	.038100	.100352	.523749	1.000000	.503644	.968568
5	.050800	.111597	.562241	1.000000	.518468	1.054942
6	.063500	.123609	.598976	1.000000	.534523	1.141137
7	.076200	.140436	.641475	1.000000	.555792	1.246180
8	.088900	.163480	.690284	1.000000	.584468	1.375159
9	.101600	.189766	.736598	1.000000	.618823	1.507494
10	.114300	.222054	.783538	1.000000	.656036	1.653746
11	.127000	.264692	.834259	1.000000	.707781	1.828923
12	.139700	.305673	.873960	1.000000	.757136	1.981635
13	.152400	.353416	.912476	1.000000	.814781	2.146283
14	.165100	.404264	.946366	1.000000	.875833	2.307889
15	.177800	.456629	.975636	1.000000	.938642	2.463105
16	.190500	.501750	.997298	1.000000	.992725	2.589313
17	.203200	.534729	1.011433	1.000000	1.032237	2.677762
18	.215900	.555633	1.019862	1.000000	1.057623	2.733079
19	.228600	.563015	1.022690	1.000000	1.066471	2.752096
20	.241300	.564050	1.023082	1.000000	1.067711	2.754751
21	.254000	.561429	1.022087	1.000000	1.064569	2.748019
22	.266700	.557289	1.020501	1.000000	1.059608	2.737356
23	.279400	.552322	1.018576	1.000000	1.053654	2.724504
24	.292100	.545560	1.015913	1.000000	1.045551	2.706913
25	.304800	.538454	1.013062	1.000000	1.037033	2.688299
26	.317500	.529554	1.009300	1.000000	1.026038	2.664080
27	.330200	.517963	1.004411	1.000000	1.012152	2.633172
28	.342900	.507821	1.000000	1.000000	1.000000	2.605824
29	.355600	.499887	.996460	1.000000	.990493	2.584226
30	.368300	.498300	.995742	1.000000	.988591	2.579885
31	.381000	.500715	.996833	1.000000	.991465	2.586488
32	.393700	.506442	.999390	1.000000	.998347	2.602081
33	.406400	.513686	1.002566	1.000000	1.007027	2.621673
34	.419100	.522103	1.006175	1.000000	1.017112	2.644252
35	.431800	.532107	1.010356	1.000000	1.029097	2.670838
36	.444500	.542180	1.014564	1.000000	1.041499	2.698074
37	.457200	.551770	1.018360	1.000000	1.052993	2.723072
38	.469900	.559980	1.021534	1.000000	1.062833	2.744292
39	.482600	.563153	1.022742	1.000000	1.066636	2.752450
40	.495300	.540386	1.013843	1.000000	1.039349	2.693372
41	.508000	.483260	.986771	1.000000	.970566	2.538362
42	.520700	.446349	.970272	1.000000	.920316	2.433426
43	.533400	.435517	.964428	1.000000	.913326	2.401751
44	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

ID NO. 11414-001

PTO= 25.1491 N/SQ CM
TTO= 301.6667 K
PBAR= 765.8000 MMHG
TMAN= 299.2222 K

I	X(CM)	P(N/SQ CM)
1	2.6518	.3552
2	3.1699	.3552
3	3.6525	.3507
4	4.1783	.3569
5	4.4348	.3949
6	4.6838	.3607
7	4.9225	.3620
8	5.1943	.4223
9	5.3543	.5142
10	5.4686	.6540
11	5.5655	.7686
12	5.6972	.8490
13	5.8242	.9152
14	5.9614	.9690
15	6.0681	1.0393
16	6.2076	1.0914
17	6.3449	1.1555
18	6.4694	1.2141
19	6.6142	1.2802
20	6.7132	1.3313
21	6.9647	1.4399
22	7.2238	1.5445
23	7.7318	1.5355
24	8.2448	1.2603
25	8.7909	1.0009



ID NO. 11414 -001

ID NO. 11414-002

STATION X= 4.50 CM PTO= 25.153 N/SQ CM TTO=302.56K
R= 2.581 CM PWALL= .3586 N/SQ CM CF= .00179 PI = .403
UE= 668.7 M/SEC RHOE=.00486 KG/CUB M RE= 19.155E6 /M
DELTA= .390 CM DELTA*= .1204 CM THETA= .0153 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.014256	.000000	1.000000	.263767	.000000
2	.012700	.049206	.651451	1.000000	.383632	1.507377
3	.025400	.069090	.739473	1.000000	.441516	1.835600
4	.038100	.080144	.775588	1.000000	.473439	1.993635
5	.050800	.087305	.795708	1.000000	.494082	2.089468
6	.063500	.094118	.813073	1.000000	.513880	2.177422
7	.076200	.100653	.828081	1.000000	.532700	2.257859
8	.088900	.107605	.842655	1.000000	.552710	2.340350
9	.101600	.115600	.857882	1.000000	.575709	2.431710
10	.114300	.122761	.870316	1.000000	.596299	2.510683
11	.127000	.130478	.882609	1.000000	.618481	2.593070
12	.139700	.138890	.894867	1.000000	.642654	2.679969
13	.152400	.147580	.906538	1.000000	.667840	2.767609
14	.165100	.155089	.915752	1.000000	.689418	2.840546
15	.177800	.164266	.926146	1.000000	.715787	2.927208
16	.190500	.172886	.935139	1.000000	.740553	3.006331
17	.203200	.181577	.943536	1.000000	.765516	3.084026
18	.215900	.190684	.951695	1.000000	.791673	3.163395
19	.228600	.199583	.959101	1.000000	.817229	3.239059
20	.241300	.208830	.966266	1.000000	.843781	3.315843
21	.254000	.218354	.973139	1.000000	.871128	3.393113
22	.266700	.224820	.977538	1.000000	.889691	3.444576
23	.279400	.233997	.983504	1.000000	.916313	3.517065
24	.292100	.239906	.987112	1.000000	.933285	3.562510
25	.304800	.245676	.990499	1.000000	.949858	3.606332
26	.317500	.250543	.993256	1.000000	.963834	3.642880
27	.330200	.254645	.995512	1.000000	.975614	3.673401
28	.342900	.257773	.997194	1.000000	.984599	3.696510
29	.355600	.260207	.998479	1.000000	.991587	3.714384
30	.368300	.261458	.999132	1.000000	.995180	3.723543
31	.381000	.262570	.999708	1.000000	.998375	3.731665
32	.393700	.263335	1.000102	1.000000	1.000571	3.737239
33	.406400	.263891	1.000387	1.000000	1.002168	3.741287
34	.419100	.264239	1.000565	1.000000	1.003166	3.743815
35	.431800	.264586	1.000743	1.000000	1.004165	3.746342
36	.444500	.264865	1.000884	1.000000	1.004963	3.748362
37	.457200	.265143	1.001026	1.000000	1.005762	3.750380
38	.469900	.265143	1.001026	1.000000	1.005762	3.750380
39	.482600	.265282	1.001096	1.000000	1.006161	3.751389
40	.495300	.265282	1.001096	1.000000	1.006161	3.751389
41	.508000	.265282	1.001096	1.000000	1.006161	3.751389
42	.520700	.265282	1.001096	1.000000	1.006161	3.751389
43	.533400	.265282	1.001096	1.000000	1.006161	3.751389

ID NO. 11414-003

STATION X= 4.72 CM PTO= 25.153 N/SQ CM TTO=302.56K
R= 2.581 CM PWALL= .3607 N/SQ CM CF= .00177 PI = .426
UE= 668.2 M/SEC RHOE=.00487 KG/CUB M RE= 19.078E6 /M
DELTA= .389 CM DELTA*= .1214 CM THETA= .0155 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.014338	.000000	1.000000	.264902	.000000
2	.012700	.048163	.644632	1.000000	.381412	1.482941
3	.025400	.068255	.735594	1.000000	.439862	1.817233
4	.038100	.079518	.772948	1.000000	.472351	1.978780
5	.050800	.086401	.792570	1.000000	.492168	2.071135
6	.063500	.093631	.811228	1.000000	.513139	2.164586
7	.076200	.099610	.825144	1.000000	.530335	2.238306
8	.088900	.106840	.840528	1.000000	.551118	2.324283
9	.101600	.113097	.852726	1.000000	.569095	2.396162
10	.114300	.121996	.868535	1.000000	.594650	2.494782
11	.127000	.129366	.880438	1.000000	.615804	2.573562
12	.139700	.137847	.892985	1.000000	.640143	2.661320
13	.152400	.146051	.904192	1.000000	.663896	2.744258
14	.165100	.154880	.915160	1.000000	.689235	2.830059
15	.177800	.163501	.925004	1.000000	.713971	2.911378
16	.190500	.170940	.932889	1.000000	.735313	2.979755
17	.203200	.180882	.942645	1.000000	.763831	3.068747
18	.215900	.189989	.950883	1.000000	.789952	3.148053
19	.228600	.199305	.958698	1.000000	.816668	3.227151
20	.241300	.207787	.965331	1.000000	.840989	3.297509
21	.254000	.216755	.971894	1.000000	.866704	3.370300
22	.266700	.224820	.977436	1.000000	.889825	3.434434
23	.279400	.232120	.982245	1.000000	.911025	3.492203
24	.292100	.239419	.986758	1.000000	.931961	3.548332
25	.304800	.245329	.990251	1.000000	.948910	3.593125
26	.317500	.249848	.992832	1.000000	.961869	3.627005
27	.330200	.254645	.995488	1.000000	.975626	3.662626
28	.342900	.257287	.996917	1.000000	.983203	3.682096
29	.355600	.259998	.998358	1.000000	.990978	3.701971
30	.368300	.261388	.999088	1.000000	.994965	3.712122
31	.381000	.262640	.999739	1.000000	.998554	3.721235
32	.393700	.263474	1.000170	1.000000	1.000947	3.727297
33	.406400	.264517	1.000706	1.000000	1.003937	3.734861
34	.419100	.264795	1.000849	1.000000	1.004734	3.736876
35	.431800	.264795	1.000849	1.000000	1.004734	3.736876
36	.444500	.264934	1.000920	1.000000	1.005133	3.737882
37	.457200	.265143	1.001026	1.000000	1.005731	3.739392
38	.469900	.265143	1.001026	1.000000	1.005731	3.739392
39	.482600	.265421	1.001168	1.000000	1.006529	3.741404
40	.495300	.265768	1.001345	1.000000	1.007526	3.743918
41	.508000	.266464	1.001698	1.000000	1.009519	3.748940
42	.520700	.267228	1.002084	1.000000	1.011712	3.754456
43	.533400	.267645	1.002294	1.000000	1.012908	3.757462

ID NO. 11414-004

STATION X= 4.98 CM PTO= 25.153 N/SQ CM TTO=302.56K
R= 2.581 CM PWALL= .3620 N/SQ CM CF= .00176 PI = .433
UE= 668.3 M/SEC RHOE=.00489 KG/CUB M RE= 19.190E6 /M
DELTA= .392 CM DELTA*= .1226 CM THETA= .0156 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.014393	.000000	1.000000	.264664	.000000
2	.012700	.048998	.648142	1.000000	.382964	1.494959
3	.025400	.067074	.730152	1.000000	.435320	1.795554
4	.038100	.079170	.770864	1.000000	.470062	1.969864
5	.050800	.087791	.795275	1.000000	.494766	2.084961
6	.063500	.093214	.809217	1.000000	.510463	2.154904
7	.076200	.099819	.824631	1.000000	.529371	2.236251
8	.088900	.106076	.838008	1.000000	.547273	2.310633
9	.101600	.113445	.852434	1.000000	.568347	2.395235
10	.114300	.120467	.865011	1.000000	.588418	2.473121
11	.127000	.128531	.878234	1.000000	.611461	2.559620
12	.139700	.136735	.890517	1.000000	.634894	2.644682
13	.152400	.144243	.900954	1.000000	.656548	2.720925
14	.165100	.153212	.912308	1.000000	.682168	2.808457
15	.177800	.162041	.922559	1.000000	.707385	2.892028
16	.190500	.170870	.932001	1.000000	.732597	2.973237
17	.203200	.179908	.940926	1.000000	.758401	3.054117
18	.215900	.189363	.949554	1.000000	.785393	3.136487
19	.228600	.197775	.956685	1.000000	.809405	3.207987
20	.241300	.205979	.963197	1.000000	.832819	3.276205
21	.254000	.216407	.970907	1.000000	.862580	3.360917
22	.266700	.225237	.976986	1.000000	.887776	3.430999
23	.279400	.232120	.981527	1.000000	.907686	3.485383
24	.292100	.240740	.986844	1.000000	.932295	3.551452
25	.304800	.246719	.990355	1.000000	.949362	3.596560
26	.317500	.251586	.993111	1.000000	.963254	3.632861
27	.330200	.255757	.995405	1.000000	.975160	3.663689
28	.342900	.258816	.997049	1.000000	.983892	3.686132
29	.355600	.261597	.998516	1.000000	.991829	3.706416
30	.368300	.263057	.999276	1.000000	.995996	3.717021
31	.381000	.264030	.999779	1.000000	.998774	3.724074
32	.393700	.264517	1.000029	1.000000	1.000163	3.727596
33	.406400	.265143	1.000350	1.000000	1.001949	3.732118
34	.419100	.265490	1.000528	1.000000	1.002941	3.734629
35	.431800	.266046	1.000811	1.000000	1.004529	3.738642
36	.444500	.266672	1.001129	1.000000	1.006315	3.743151
37	.457200	.267367	1.001480	1.000000	1.008299	3.748155
38	.469900	.268271	1.001935	1.000000	1.010879	3.754651
39	.482600	.268480	1.002039	1.000000	1.011474	3.756148
40	.495300	.268410	1.002004	1.000000	1.011275	3.755649
41	.508000	.268271	1.001935	1.000000	1.010879	3.754651
42	.520700	.268132	1.001865	1.000000	1.010482	3.753652
43	.533400	.268132	1.001865	1.000000	1.010482	3.753652

ID NO. 11414-005

STATION X= 5.26 CM PTO= 25.153 N/SQ CM TTO=302.56K
R= 2.581 CM PWALL= .4470 N/SQ CM CF= .00174 PI = .726
UE= 647.6 M/SEC RHOE=.00517 KG/CUB M RE= 16.624E6 /M
DELTA= .370 CM DELTA*= .1235 CM THETA= .0184 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.017772	.000000	1.000000	.309579	.000000
2	.012700	.041976	.562091	1.000000	.395950	1.181089
3	.025400	.058939	.661588	1.000000	.443648	1.471508
4	.038100	.072913	.719794	1.000000	.481992	1.668722
5	.050800	.083272	.754933	1.000000	.510425	1.801069
6	.063500	.092310	.781228	1.000000	.535027	1.908191
7	.076200	.098984	.798622	1.000000	.553165	1.983466
8	.088900	.106562	.816616	1.000000	.573736	2.065523
9	.101600	.113793	.832434	1.000000	.593547	2.141576
10	.114300	.121162	.847088	1.000000	.613535	2.215666
11	.127000	.128114	.859848	1.000000	.632381	2.283322
12	.139700	.135414	.872263	1.000000	.652161	2.352235
13	.152400	.142922	.884101	1.000000	.672496	2.421045
14	.165100	.150361	.894999	1.000000	.692637	2.487317
15	.177800	.159469	.907342	1.000000	.717287	2.566101
16	.190500	.167394	.917288	1.000000	.738733	2.632724
17	.203200	.176780	.928318	1.000000	.764369	2.710220
18	.215900	.184844	.937048	1.000000	.786194	2.774488
19	.228600	.194716	.946995	1.000000	.812906	2.851176
20	.241300	.203268	.955020	1.000000	.836040	2.915962
21	.254000	.212653	.963260	1.000000	.861427	2.985442
22	.266700	.221274	.970354	1.000000	.884743	3.047858
23	.279400	.229617	.976826	1.000000	.907304	3.107061
24	.292100	.237820	.982845	1.000000	.929488	3.164192
25	.304800	.244425	.987460	1.000000	.947346	3.209445
26	.317500	.251516	.992203	1.000000	.966519	3.257330
27	.330200	.254923	.994408	1.000000	.975729	3.280084
28	.342900	.258538	.996697	1.000000	.985503	3.304059
29	.355600	.261458	.998509	1.000000	.993397	3.323297
30	.368300	.263683	.999868	1.000000	.999411	3.337879
31	.381000	.265629	1.001042	1.000000	1.004674	3.350587
32	.393700	.266811	1.001749	1.000000	1.007869	3.358279
33	.406400	.267228	1.001997	1.000000	1.008996	3.360989
34	.419100	.267367	1.002080	1.000000	1.009372	3.361892
35	.431800	.267367	1.002080	1.000000	1.009372	3.361892
36	.444500	.267228	1.001997	1.000000	1.008996	3.360989
37	.457200	.267159	1.001956	1.000000	1.008808	3.360538
38	.469900	.271191	1.004324	1.000000	1.019709	3.386630
39	.482600	.324376	1.031076	1.000000	1.163824	3.714414
40	.495300	.423445	1.065454	1.000000	1.431649	4.257051
41	.508000	.427964	1.066697	1.000000	1.443864	4.280160
42	.520700	.429146	1.067018	1.000000	1.447058	4.286183
43	.533400	.430328	1.067338	1.000000	1.450253	4.292198

ID NO. 11414-006

STATION X= 5.51 CM PTO= 25.153 N/SQ CM TTO=302.56K
R= 2.581 CM PWALL= .7109 N/SQ CM CF= .00096 PI =2.443
UE= 632.2 M/SEC RHOE=.00744 KG/CUB M RE= 21.094E6 /M
DELTA= .377 CM DELTA*= .1791 CM THETA= .0272 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.028264	.000000	1.000000	.341965	.000000
2	.012700	.035649	.312302	1.000000	.365417	.585582
3	.025400	.040864	.389783	1.000000	.379951	.745256
4	.038100	.047538	.458029	1.000000	.396734	.894874
5	.050800	.057062	.524301	1.000000	.417483	1.050796
6	.063500	.069924	.590033	1.000000	.443584	1.218942
7	.076200	.085010	.649108	1.000000	.473149	1.384953
8	.088900	.098915	.693008	1.000000	.499969	1.519947
9	.101600	.111985	.727714	1.000000	.524867	1.635325
10	.114300	.124986	.757839	1.000000	.549715	1.742868
11	.127000	.136318	.780919	1.000000	.571172	1.830661
12	.139700	.147650	.801697	1.000000	.592589	1.914281
13	.152400	.158495	.819755	1.000000	.613059	1.990921
14	.165100	.167186	.833106	1.000000	.629445	2.050209
15	.177800	.175389	.845058	1.000000	.645117	2.105350
16	.190500	.183732	.856323	1.000000	.660840	2.159259
17	.203200	.189016	.863110	1.000000	.670794	2.192702
18	.215900	.195620	.871242	1.000000	.683233	2.233789
19	.228600	.202155	.878930	1.000000	.695537	2.273701
20	.241300	.209455	.887126	1.000000	.709277	2.317458
21	.254000	.216755	.894937	1.000000	.723013	2.360393
22	.266700	.223707	.902044	1.000000	.736092	2.400559
23	.279400	.231633	.909778	1.000000	.750998	2.445534
24	.292100	.238029	.915753	1.000000	.763026	2.481228
25	.304800	.245329	.922300	1.000000	.776750	2.521342
26	.317500	.251725	.927812	1.000000	.788774	2.555966
27	.330200	.256174	.931530	1.000000	.797137	2.579776
28	.342900	.261458	.935825	1.000000	.807067	2.607765
29	.355600	.265629	.939129	1.000000	.814906	2.629649
30	.368300	.285096	.953706	1.000000	.851758	2.730181
31	.381000	.392021	1.012910	1.000000	1.052639	3.223513
32	.393700	.430467	1.028432	1.000000	1.124831	3.383280
33	.406400	.433178	1.029443	1.000000	1.129921	3.394262
34	.419100	.434708	1.030010	1.000000	1.132793	3.400442
35	.431800	.435472	1.030291	1.000000	1.134229	3.403527
36	.444500	.435959	1.030470	1.000000	1.135143	3.405490
37	.457200	.435959	1.030470	1.000000	1.135143	3.405490
38	.469900	.436654	1.030725	1.000000	1.136448	3.408291
39	.482600	.437349	1.030980	1.000000	1.137753	3.411089
40	.495300	.438392	1.031360	1.000000	1.139711	3.415283
41	.508000	.438879	1.031537	1.000000	1.140625	3.417238
42	.520700	.439644	1.031815	1.000000	1.142061	3.420309
43	.533400	.439991	1.031941	1.000000	1.142713	3.421703

ID NO. 11414-007

STATION X= 5.74 CM PTO= 25.153 N/SQ CM TTO=302.56K
R= 2.581 CM PWALL= .8754 N/SQ CM CF= .00024 PI =9.486
UE= 618.7 M/SEC RHOE=.00847 KG/CUB M RE= 21.732E6 /M
DELTA= .301 CM DELTA*= .1771 CM THETA= .0229 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.034804	.000000	1.000000	.369760	.000000
2	.012700	.035997	.123320	1.000000	.373338	.219971
3	.025400	.037040	.167267	1.000000	.376397	.299580
4	.038100	.038430	.210485	1.000000	.380381	.378974
5	.050800	.041211	.273472	1.000000	.388050	.497318
6	.063500	.045730	.345067	1.000000	.399759	.636914
7	.076200	.051987	.414574	1.000000	.414678	.779355
8	.088900	.059635	.475684	1.000000	.431261	.911940
9	.101600	.068951	.532422	1.000000	.450189	1.042874
10	.114300	.080144	.579961	1.000000	.469229	1.159764
11	.127000	.093214	.627805	1.000000	.491965	1.285494
12	.139700	.107466	.671097	1.000000	.516311	1.407729
13	.152400	.123039	.711043	1.000000	.542678	1.529131
14	.165100	.143618	.754986	1.000000	.577064	1.674283
15	.177800	.159260	.783720	1.000000	.603300	1.777075
16	.190500	.174833	.808828	1.000000	.629170	1.872914
17	.203200	.196316	.839140	1.000000	.664782	1.997341
18	.215900	.214878	.862219	1.000000	.695736	2.099508
19	.228600	.234553	.883808	1.000000	.728290	2.201851
20	.241300	.252559	.901528	1.000000	.758061	2.291443
21	.254000	.268827	.916110	1.000000	.784942	2.369431
22	.266700	.279464	.924998	1.000000	.802512	2.419047
23	.279400	.295802	.937762	1.000000	.829489	2.493308
24	.292100	.352115	.975121	1.000000	.922718	2.734456
25	.304800	.414546	1.007332	1.000000	1.025732	2.978294
26	.317500	.431301	1.014754	1.000000	1.053370	3.040388
27	.330200	.436724	1.017062	1.000000	1.062314	3.060214
28	.342900	.438045	1.017617	1.000000	1.064493	3.065024
29	.355600	.438879	1.017967	1.000000	1.065869	3.068058
30	.368300	.439574	1.018258	1.000000	1.067015	3.070583
31	.381000	.440130	1.018489	1.000000	1.067933	3.072603
32	.393700	.440756	1.018750	1.000000	1.068965	3.074873
33	.406400	.441521	1.019067	1.000000	1.070226	3.077645
34	.419100	.441660	1.019125	1.000000	1.070455	3.078149
35	.431800	.442355	1.019412	1.000000	1.071602	3.080666
36	.444500	.442425	1.019441	1.000000	1.071717	3.080918
37	.457200	.442772	1.019585	1.000000	1.072290	3.082176
38	.469900	.442772	1.019585	1.000000	1.072290	3.082176
39	.482600	.442911	1.019642	1.000000	1.072519	3.082679
40	.495300	.442564	1.019499	1.000000	1.071946	3.081421
41	.508000	.442772	1.019585	1.000000	1.072290	3.082176
42	.520700	.443259	1.019785	1.000000	1.073093	3.083936
43	.533400	.443398	1.019843	1.000000	1.073322	3.084439

ID NO. 11414-008

STATION X= 5.97 CM PTO= 25.153 N/SQ CM TTO=302.56K
R= 2.581 CM PWALL= .9690 N/SQ CM CF= .00003 PI =*.342
UE= 656.7 M/SEC RHOE=.01195 KG/CUB M RE= 41.772E6 /M
DELTA= .347 CM DELTA*= .2209 CM THETA= .0176 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.038524	.000000	1.000000	.290015	.000000
2	.012700	.038291	.000000	1.000000	.290015	.000000
3	.025400	.038708	.043859	1.000000	.290411	.082693
4	.038100	.038986	.069264	1.000000	.291006	.130725
5	.050800	.039890	.118147	1.000000	.292918	.223714
6	.063500	.041698	.177496	1.000000	.296650	.338228
7	.076200	.044062	.230278	1.000000	.301361	.442277
8	.088900	.047468	.285594	1.000000	.307841	.554365
9	.101600	.052057	.340718	1.000000	.316065	.670168
10	.114300	.057758	.392298	1.000000	.325590	.783163
11	.127000	.064223	.437450	1.000000	.335612	.886639
12	.139700	.072218	.481131	1.000000	.347054	.991656
13	.152400	.083272	.526547	1.000000	.361094	1.107000
14	.165100	.097872	.576126	1.000000	.379431	1.241605
15	.177600	.114140	.620661	1.000000	.399194	1.371975
16	.190500	.133606	.664697	1.000000	.422569	1.511723
17	.203200	.158982	.711348	1.000000	.452627	1.674372
18	.215900	.192422	.760627	1.000000	.492188	1.866968
19	.228600	.227601	.801758	1.000000	.533497	2.048844
20	.241300	.270635	.842128	1.000000	.584126	2.251805
21	.254000	.317423	.877003	1.000000	.638902	2.452550
22	.266700	.371025	.908990	1.000000	.701593	2.663797
23	.279400	.431301	.937854	1.000000	.772306	2.883564
24	.292100	.498529	.963544	1.000000	.850888	3.109620
25	.304800	.559361	.982562	1.000000	.921970	3.300793
26	.317500	.602952	.994294	1.000000	.972896	3.431212
27	.330200	.632846	1.001644	1.000000	1.008120	3.518594
28	.342900	.629996	1.000973	1.000000	1.004789	3.510423
29	.355600	.606775	.995258	1.000000	.977363	3.442416
30	.368300	.560334	.982840	1.000000	.923107	3.303761
31	.381000	.510695	.967629	1.000000	.865106	3.148787
32	.393700	.478507	.956473	1.000000	.827487	3.044059
33	.406400	.461682	.950171	1.000000	.807822	2.987852
34	.419100	.454521	.947380	1.000000	.799451	2.963604
35	.431800	.449794	.945502	1.000000	.793925	2.947486
36	.444500	.447917	.944747	1.000000	.791731	2.941061
37	.457200	.447361	.944523	1.000000	.791081	2.939155
38	.469900	.447569	.944607	1.000000	.791324	2.939870
39	.482600	.447083	.944410	1.000000	.790756	2.938201
40	.495300	.447291	.944495	1.000000	.790999	2.938917
41	.508000	.447291	.944495	1.000000	.790999	2.938917
42	.520700	.446874	.944326	1.000000	.790512	2.937486
43	.533400	.446457	.944157	1.000000	.790024	2.936055

ID NO. 11414-009

STATION X= 6.22 CM PTO= 25.153 N/SQ CM TTO=302.56K
R= 2.581 CM PWALL= 1.0914 N/SQ CM CF= .00005 PI =*.336
UE= 619.8 M/SEC RHOE=.01062 KG/CUB M RE= 27.475E6 /M
DELTA= .308 CM DELTA*= .1922 CM THETA= .0205 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.043388	.000000	1.000000	.367503	.000000
2	.012700	.042602	.000000	1.000000	.367503	.000000
3	.025400	.043714	.058113	1.000000	.368289	.103455
4	.038100	.044340	.098845	1.000000	.369788	.176326
5	.050800	.045939	.159984	1.000000	.373550	.286836
6	.063500	.048511	.222756	1.000000	.379410	.402502
7	.076200	.051501	.274888	1.000000	.385948	.500962
8	.088900	.055811	.331274	1.000000	.394914	.610693
9	.101600	.062137	.392678	1.000000	.407218	.735079
10	.114300	.071106	.456194	1.000000	.423210	.870586
11	.127000	.080839	.507469	1.000000	.439010	.986351
12	.139700	.093840	.558046	1.000000	.457645	1.107436
13	.152400	.111081	.612784	1.000000	.481974	1.247968
14	.165100	.133606	.669087	1.000000	.512667	1.405350
15	.177800	.158913	.719945	1.000000	.546746	1.561625
16	.190500	.185887	.764270	1.000000	.582826	1.711591
17	.203200	.213905	.802393	1.000000	.619969	1.853345
18	.215900	.242200	.834964	1.000000	.657375	1.985905
19	.228600	.270426	.863039	1.000000	.694853	2.110383
20	.241300	.297818	.886660	1.000000	.730982	2.223795
21	.254000	.331467	.911934	1.000000	.775322	2.355530
22	.266700	.366437	.934684	1.000000	.821367	2.484950
23	.279400	.408776	.958420	1.000000	.877080	2.633054
24	.292100	.452505	.979563	1.000000	.934904	2.778434
25	.304800	.492481	.996314	1.000000	.987494	2.904340
26	.317500	.525156	1.008554	1.000000	1.030469	3.003314
27	.330200	.555607	1.018956	1.000000	1.070513	3.092684
28	.342900	.575838	1.025393	1.000000	1.097113	3.150652
29	.355600	.598155	1.032098	1.000000	1.126454	3.213378
30	.368300	.612198	1.036120	1.000000	1.144916	3.252228
31	.381000	.628397	1.040582	1.000000	1.166211	3.296469
32	.393700	.640077	1.043688	1.000000	1.181564	3.328002
33	.406400	.644387	1.044812	1.000000	1.187230	3.339563
34	.419100	.637921	1.043121	1.000000	1.178731	3.322206
35	.431800	.606428	1.034485	1.000000	1.137331	3.236322
36	.444500	.546082	1.015798	1.000000	1.057988	3.065012
37	.457200	.489283	.995050	1.000000	.983287	2.894471
38	.469900	.468217	.986402	1.000000	.955576	2.828594
39	.482600	.457511	.981779	1.000000	.941490	2.794512
40	.495300	.453409	.979966	1.000000	.936093	2.781344
41	.508000	.451115	.978941	1.000000	.933075	2.773951
42	.520700	.450142	.978503	1.000000	.931794	2.770809
43	.533400	.448612	.977814	1.000000	.929781	2.765863

ID NO. 11414-010

STATION X= 6.48 CM PTO= 25.153 N/SQ CM TTO=302.56K
R= 2.581 CM PWALL= 1.2141 N/SQ CM CF= .00017 PI =*.670
UE= 598.5 M/SEC RHOE=.01058 KG/CUB M RE= 23.713E6 /M
DELTA= .276 CM DELTA*= .1559 CM THETA= .0209 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.048266	.000000	1.000000	.410332	.000000
2	.012700	.050110	.134423	1.000000	.414751	.232054
3	.025400	.051570	.178270	1.000000	.418169	.309012
4	.038100	.052960	.210670	1.000000	.421359	.366564
5	.050800	.055880	.263652	1.000000	.427870	.462282
6	.063500	.059982	.319525	1.000000	.436618	.565948
7	.076200	.065266	.374271	1.000000	.447277	.670959
8	.088900	.073261	.436586	1.000000	.462291	.795698
9	.101600	.083133	.493969	1.000000	.479294	.916688
10	.114300	.095300	.549261	1.000000	.499124	1.040170
11	.127000	.111290	.600014	1.000000	.520918	1.160825
12	.139700	.131938	.655809	1.000000	.549754	1.303413
13	.152400	.156688	.709390	1.000000	.583472	1.452499
14	.165100	.186652	.761651	1.000000	.623675	1.612338
15	.177800	.221344	.810846	1.000000	.670138	1.779269
16	.190500	.259859	.855056	1.000000	.721297	1.946582
17	.203200	.297818	.891236	1.000000	.771844	2.098834
18	.215900	.333344	.919828	1.000000	.818876	2.231189
19	.228600	.369843	.945192	1.000000	.867148	2.359324
20	.241300	.403423	.965639	1.000000	.911526	2.471270
21	.254000	.435403	.982991	1.000000	.953770	2.573311
22	.266700	.459249	.994781	1.000000	.985259	2.646814
23	.279400	.473362	1.001459	1.000000	1.004214	2.690093
24	.292100	.479132	1.004062	1.000000	1.011836	2.707300
25	.304800	.481635	1.005176	1.000000	1.015142	2.714730
26	.317500	.486641	1.007380	1.000000	1.021754	2.729528
27	.330200	.492620	1.009970	1.000000	1.029650	2.747097
28	.342900	.500893	1.013477	1.000000	1.040576	2.771224
29	.355600	.507915	1.016387	1.000000	1.049849	2.791536
30	.368300	.522653	1.022304	1.000000	1.069312	2.833696
31	.381000	.534333	1.026819	1.000000	1.084734	2.866662
32	.393700	.547890	1.031878	1.000000	1.102633	2.904454
33	.406400	.559153	1.035938	1.000000	1.117501	2.935478
34	.419100	.572431	1.040570	1.000000	1.135031	2.971638
35	.431800	.586336	1.045247	1.000000	1.153385	3.009033
36	.444500	.598224	1.049114	1.000000	1.169076	3.040639
37	.457200	.613449	1.053897	1.000000	1.189172	3.080641
38	.469900	.624364	1.057214	1.000000	1.203577	3.109001
39	.482600	.635210	1.060423	1.000000	1.217890	3.136924
40	.495300	.635279	1.060443	1.000000	1.217982	3.137102
41	.508000	.605593	1.051452	1.000000	1.178803	3.060067
42	.520700	.544414	1.030599	1.000000	1.098043	2.894811
43	.533400	.488170	1.008047	1.000000	1.023774	2.734033

ID NO. 11414-011

STATION X= 6.73 CM PTO= 25.153 N/SQ CM TTO=302.56K
R= 2.581 CM PWALL= 1.3313 N/SQ CM CF= .00024 PI =9.767
UE= 602.2 M/SEC RHOE=.01182 KG/CUB M RE= 27.116E6 /M
DELTA= .269 CM DELTA*= .1479 CM THETA= .0206 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.052926	.000000	1.000000	.402963	.000000
2	.012700	.056854	.184146	1.000000	.411290	.321431
3	.025400	.058661	.220270	1.000000	.414985	.386211
4	.038100	.061442	.264336	1.000000	.420513	.466639
5	.050800	.065544	.315062	1.000000	.428349	.561239
6	.063500	.072705	.381127	1.000000	.441229	.689056
7	.076200	.078962	.425344	1.000000	.451760	.778120
8	.088900	.089043	.480973	1.000000	.467538	.895120
9	.101600	.102738	.539550	1.000000	.487735	1.025596
10	.114300	.118937	.587569	1.000000	.507587	1.139375
11	.127000	.140002	.641107	1.000000	.534004	1.275133
12	.139700	.165378	.693136	1.000000	.565038	1.418110
13	.152400	.195203	.743071	1.000000	.601130	1.568077
14	.165100	.231146	.792086	1.000000	.644310	1.730503
15	.177800	.273138	.838355	1.000000	.694311	1.901331
16	.190500	.315824	.876908	1.000000	.744989	2.060068
17	.203200	.358650	.909421	1.000000	.796020	2.208410
18	.215900	.403770	.938294	1.000000	.849467	2.353773
19	.228600	.444658	.960947	1.000000	.898098	2.478642
20	.241300	.487127	.981353	1.000000	.948100	2.600787
21	.254000	.514172	.993117	1.000000	.980079	2.6759[illegible]
22	.266700	.526980	.999293	1.000000	.997910	2.717010
23	.279400	.533638	1.001150	1.000000	1.003420	2.729562
24	.292100	.530857	1.000044	1.000000	1.000131	2.722075
25	.304800	.524461	.997469	1.000000	.992565	2.704776
26	.317500	.515632	.993726	1.000000	.981805	2.679983
27	.330200	.505898	.989615	1.000000	.970297	2.653209
28	.342900	.497695	.986060	1.000000	.960596	2.630428
29	.355600	.494914	.984835	1.000000	.957308	2.622660
30	.368300	.495609	.985142	1.000000	.958130	2.624604
31	.381000	.500059	.987093	1.000000	.963392	2.637012
32	.393700	.507358	.990239	1.000000	.972023	2.657242
33	.406400	.516674	.994160	1.000000	.983038	2.682836
34	.419100	.526686	.998370	1.000000	.995196	2.710806
35	.431800	.535932	1.002055	1.000000	1.006134	2.735723
36	.444500	.547125	1.006393	1.000000	1.019373	2.765584
37	.457200	.559013	1.010859	1.000000	1.033433	2.796948
38	.469900	.569581	1.014711	1.000000	1.045930	2.824532
39	.482600	.582164	1.019162	1.000000	1.060811	2.857030
40	.495300	.593914	1.023189	1.000000	1.074704	2.887041
41	.508000	.605385	1.027007	1.000000	1.088267	2.916041
42	.520700	.615188	1.030184	1.000000	1.099857	2.940596

ID NO. 11414-012

STATION X= 6.99 CM PTO= 25.153 N/SQ CM TTO=302.56K
R= 2.561 CM PWALL= 1.4399 N/SQ CM CF= .00039 PI =6.733
UE= 601.0 M/SEC RHOE=.01271 KG/CUB M RE= 28.934E6 /M
DELTA= .260 CM DELTA*= .1342 CM THETA= .0204 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHUE	M
1	.000000	.057245	.000000	1.000000	.405335	.000000
2	.012700	.066448	.264798	1.000000	.422971	.466429
3	.025400	.070132	.307858	1.000000	.429544	.546473
4	.038100	.074651	.350480	1.000000	.437276	.627706
5	.050800	.081395	.401101	1.000000	.448216	.727297
6	.063500	.089529	.449121	1.000000	.460582	.825527
7	.076200	.099958	.497566	1.000000	.475311	.929082
8	.088900	.113584	.548816	1.000000	.493776	1.044494
9	.101600	.130895	.594748	1.000000	.513308	1.154082
10	.114300	.154185	.648091	1.000000	.540283	1.290212
11	.127000	.179213	.695093	1.000000	.568744	1.419763
12	.139700	.210846	.744149	1.000000	.604346	1.566812
13	.152400	.249500	.793085	1.000000	.647535	1.728464
14	.165100	.294272	.838959	1.000000	.697118	1.897180
15	.177800	.334665	.873300	1.000000	.741724	2.037038
16	.190500	.384512	.909029	1.000000	.796948	2.197895
17	.203200	.436793	.940201	1.000000	.854544	2.353978
18	.215900	.482747	.963615	1.000000	.905127	2.482977
19	.228600	.525434	.982699	1.000000	.952086	2.597006
20	.241300	.551714	.993372	1.000000	.980987	2.664759
21	.254000	.566035	.998993	1.000000	.997055	2.701695
22	.266700	.569789	1.000403	1.000000	1.001185	2.711107
23	.279400	.569442	1.000273	1.000000	1.000803	2.710237
24	.292100	.566105	.999019	1.000000	.997132	2.701870
25	.304800	.562142	.997516	1.000000	.992772	2.691899
26	.317500	.557623	.995671	1.000000	.987484	2.679756
27	.330200	.552687	.993754	1.000000	.982057	2.667235
28	.342900	.546569	.991342	1.000000	.975329	2.651633
29	.355600	.538713	.988187	1.000000	.966690	2.631461
30	.368300	.527589	.983603	1.000000	.954457	2.602630
31	.381000	.516605	.978938	1.000000	.942375	2.573839
32	.393700	.506663	.974591	1.000000	.931439	2.547498
33	.406400	.499016	.971163	1.000000	.923026	2.527047
34	.419100	.495609	.969612	1.000000	.919278	2.517884
35	.431800	.493523	.968655	1.000000	.916984	2.512256
36	.444500	.493245	.968526	1.000000	.916678	2.511505
37	.457200	.494566	.969134	1.000000	.918131	2.515071
38	.469900	.495957	.969771	1.000000	.919661	2.518820
39	.482600	.498251	.970816	1.000000	.922185	2.524993
40	.495300	.498946	.971132	1.000000	.922950	2.526861
41	.508000	.502075	.972543	1.000000	.926391	2.535248
42	.520700	.503187	.973042	1.000000	.927615	2.538223

ID NO. 11414-013

STATION X= 7.24 CM PTO= 25.153 N/SQ CM TTO=302.56K
R= 2.581 CM PWALL= 1.5445 N/SQ CM CF= .00052 PI =5.396
UE= 597.6 M/SEC RHOE=.01341 KG/CUB M RE= 29.88E6 /M
DELTA= .252 CM DELTA*= .1237 CM THETA= .0250 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.061401	.000000	1.000000	.411973	.000000
2	.012700	.076737	.323963	1.000000	.439070	.573472
3	.025400	.081465	.363285	1.000000	.446634	.648594
4	.038100	.087652	.405516	1.000000	.456074	.731607
5	.050800	.095786	.450450	1.000000	.467786	.823037
6	.063500	.106562	.497832	1.000000	.482254	.923571
7	.076200	.120536	.547748	1.000000	.500225	1.034935
8	.088900	.137152	.590061	1.000000	.518032	1.134553
9	.101600	.156966	.635057	1.000000	.540044	1.246744
10	.114300	.183662	.684947	1.000000	.568924	1.380175
11	.127000	.216268	.735020	1.000000	.603786	1.525774
12	.139700	.252211	.780288	1.000000	.641722	1.669853
13	.152400	.296914	.826820	1.000000	.688910	1.833336
14	.165100	.343842	.866807	1.000000	.738060	1.989382
15	.177800	.394941	.903163	1.000000	.791730	2.146862
16	.190500	.448960	.935179	1.000000	.848143	2.300602
17	.203200	.502770	.962207	1.000000	.904283	2.444388
18	.215900	.544900	.980680	1.000000	.948209	2.551109
19	.228600	.573961	.992272	1.000000	.978497	2.622166
20	.241300	.590716	.998577	1.000000	.995956	2.662264
21	.254000	.594679	1.000030	1.000000	1.000085	2.671660
22	.266700	.592523	.999241	1.000000	.997840	2.666554
23	.279400	.587240	.997290	1.000000	.992334	2.653996
24	.292100	.580565	.994789	1.000000	.985379	2.638046
25	.304800	.572362	.991656	1.000000	.976831	2.618307
26	.317500	.563185	.988074	1.000000	.967267	2.596046
27	.330200	.554842	.984744	1.000000	.958571	2.575641
28	.342900	.545318	.980853	1.000000	.948644	2.552143
29	.355600	.535932	.976922	1.000000	.938860	2.528773
30	.368300	.525782	.972558	1.000000	.928278	2.503250
31	.381000	.515562	.968042	1.000000	.917622	2.477283
32	.393700	.505134	.963301	1.000000	.906748	2.450500
33	.406400	.492828	.957526	1.000000	.893914	2.418510
34	.419100	.479410	.950994	1.000000	.879918	2.383133
35	.431800	.463907	.943122	1.000000	.863742	2.341582
36	.444500	.448334	.934839	1.000000	.847490	2.299079
37	.457200	.437210	.928677	1.000000	.835879	2.268223
38	.469900	.428172	.923510	1.000000	.826443	2.242836
39	.482600	.424349	.921279	1.000000	.822450	2.232007
40	.495300	.421707	.919722	1.000000	.819691	2.224494
41	.508000	.423097	.920543	1.000000	.821143	2.228451
42	.520700	.423584	.920829	1.000000	.821651	2.229835
43	.533400	.426087	.922296	1.000000	.824265	2.236936

ID NO. 11414-014

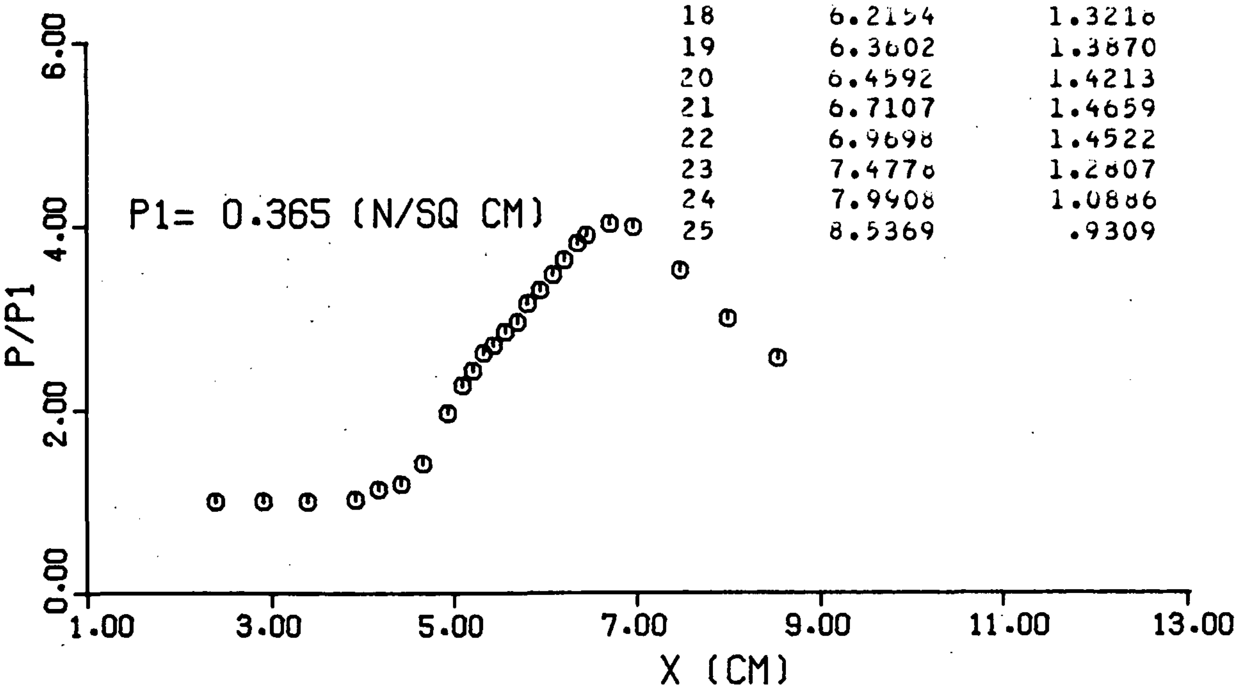
STATION X= 7.49 CM PTO= 25.153 N/SQ CM TTO=302.56K
R= 2.581 CM PWALL= 1.5355 N/SQ CM CF= .00109 PI =2.541
UE= 587.1 M/SEC RHOE=.01270 KG/CUB M RE= 26.517E6 /M
DELTA= .244 CM DELTA*= .0985 CM THETA= .0192 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.061047	.000000	1.000000	.432619	.000000
2	.012700	.104129	.499389	1.000000	.503923	.907802
3	.025400	.113584	.535257	1.000000	.516593	.985160
4	.038100	.123595	.565259	1.000000	.528414	1.052215
5	.050800	.135762	.599220	1.000000	.543304	1.131039
6	.063500	.150570	.634416	1.000000	.560650	1.216439
7	.076200	.170870	.676171	1.000000	.584155	1.323399
8	.088900	.193743	.716146	1.000000	.610173	1.432512
9	.101600	.217450	.751695	1.000000	.636762	1.536031
10	.114300	.248249	.791394	1.000000	.671094	1.660177
11	.127000	.277657	.824250	1.000000	.703985	1.770967
12	.139700	.315685	.860547	1.000000	.746112	1.903474
13	.152400	.351489	.889953	1.000000	.785687	2.020050
14	.165100	.392994	.919668	1.000000	.831774	2.147849
15	.177800	.434221	.945152	1.000000	.877254	2.266912
16	.190500	.476282	.967957	1.000000	.923615	2.382165
17	.203200	.504647	.981813	1.000000	.954863	2.456799
18	.215900	.527728	.992302	1.000000	.980283	2.515878
19	.228600	.539547	.997424	1.000000	.993296	2.545593
20	.241300	.545248	.999837	1.000000	.999572	2.559802
21	.254000	.545248	.999837	1.000000	.999572	2.559802
22	.266700	.542189	.998546	1.000000	.996205	2.552187
23	.279400	.537740	.996651	1.000000	.991306	2.541071
24	.292100	.532804	.994521	1.000000	.985871	2.528681
25	.304800	.527381	.992149	1.000000	.979900	2.514999
26	.317500	.521402	.989493	1.000000	.973316	2.499825
27	.330200	.515493	.986825	1.000000	.966808	2.484735
28	.342900	.509514	.984081	1.000000	.960224	2.469374
29	.355600	.503882	.981454	1.000000	.954021	2.454816
30	.368300	.497973	.978653	1.000000	.947512	2.439446
31	.381000	.492272	.975906	1.000000	.941232	2.424524
32	.393700	.486710	.973183	1.000000	.935105	2.409876
33	.406400	.480940	.970311	1.000000	.928748	2.394582
34	.419100	.475031	.967320	1.000000	.922237	2.378617
35	.431800	.469191	.964312	1.000000	.915801	2.363133
36	.444500	.462795	.960958	1.000000	.908753	2.345833
37	.457200	.457233	.957988	1.000000	.902623	2.330684
38	.469900	.450559	.954358	1.000000	.895266	2.312372
39	.482600	.444302	.950868	1.000000	.888369	2.295070
40	.495300	.438253	.947468	1.000000	.881700	2.278217
41	.508000	.431996	.943862	1.000000	.874801	2.260649
42	.520700	.424279	.939315	1.000000	.866291	2.238790
43	.533400	.417327	.935122	1.000000	.858623	2.218908

ID NO. 11415-001

PTO= 25.3486 N/SQ CM
TTO= 301.0000 K
PBAR= 757.9000 MMHG
TMAN= 298.6667 K

I	X(CM)	P(N/SQ CM)
1	2.3978	.3650
2	2.9159	.3650
3	3.3965	.3650
4	3.9243	.3719
5	4.1606	.4130
6	4.4298	.4336
7	4.6665	.5159
8	4.9403	.7146
9	5.1003	.8246
10	5.2146	.8829
11	5.3315	.9515
12	5.4432	.9823
13	5.5702	1.0372
14	5.7074	1.0749
15	5.8141	1.1469
16	5.9538	1.2018
17	6.0909	1.2635
18	6.2154	1.3218
19	6.3602	1.3870
20	6.4592	1.4213
21	6.7107	1.4659
22	6.9698	1.4522
23	7.4778	1.2807
24	7.9908	1.0886
25	8.5369	.9309



ID NO. 11415 -001

ID NO. 11415-002

STATION X= 4.19 CM PTO= 25.130 N/SQ CM TTO=301.11K
R= 2.581 CM PWALL= .3957 N/SQ CM CF= .00169 PT .= .659
UE= 657.9 M/SEC RHOE=.00501 KG/CUB M RE= 13.026E6 /M
DELTA= .375 CM DELTA*= .1266 CM THETA= .0172 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.015745	.000000	1.000000	.283954	.000000
2	.012700	.043439	.596106	1.000000	.381736	1.312174
3	.025400	.059285	.684064	1.000000	.427042	1.587317
4	.038100	.071741	.734174	1.000000	.462433	1.772780
5	.050800	.079395	.759772	1.000000	.484017	1.876918
6	.063500	.087467	.783571	1.000000	.506735	1.980616
7	.076200	.095121	.803649	1.000000	.528246	2.074038
8	.088900	.101175	.818231	1.000000	.545429	2.145740
9	.101600	.108482	.834131	1.000000	.565945	2.228329
10	.114300	.115550	.848339	1.000000	.585863	2.305681
11	.127000	.122533	.861105	1.000000	.605380	2.379040
12	.139700	.131305	.875820	1.000000	.629260	2.468330
13	.152400	.139795	.888802	1.000000	.653750	2.551778
14	.165100	.148146	.900513	1.000000	.677143	2.631251
15	.177800	.157192	.912266	1.000000	.702706	2.715439
16	.190500	.165631	.922336	1.000000	.726491	2.791491
17	.203200	.175354	.932914	1.000000	.753585	2.875675
18	.215900	.183843	.941501	1.000000	.777361	2.947569
19	.228600	.192631	.949823	1.000000	.802108	3.020583
20	.241300	.201866	.957874	1.000000	.827826	3.094636
21	.254000	.211956	.965069	1.000000	.856073	3.173983
22	.266700	.220167	.972338	1.000000	.879058	3.237114
23	.279400	.228656	.978425	1.000000	.902821	3.301110
24	.292100	.236520	.983752	1.000000	.924929	3.359293
25	.304800	.244035	.988586	1.000000	.945861	3.413972
26	.317500	.249393	.991951	1.000000	.961141	3.453151
27	.330200	.254512	.995051	1.000000	.975752	3.490207
28	.342900	.258737	.997475	1.000000	.987442	3.519570
29	.355600	.260805	.998620	1.000000	.993091	3.533674
30	.368300	.262614	.999634	1.000000	.998156	3.546272
31	.381000	.263797	1.000291	1.000000	1.001468	3.554485
32	.393700	.264702	1.000790	1.000000	1.004001	3.560752
33	.406400	.265189	1.001057	1.000000	1.005344	3.564122
34	.419100	.265505	1.001236	1.000000	1.006533	3.567008
35	.431800	.265954	1.001476	1.000000	1.007507	3.569412
36	.444500	.266094	1.001552	1.000000	1.007897	3.570373
37	.457200	.266372	1.001704	1.000000	1.008676	3.572294
38	.469900	.266581	1.001818	1.000000	1.009261	3.573734
39	.482600	.266581	1.001818	1.000000	1.009261	3.573734
40	.495300	.266581	1.001818	1.000000	1.009261	3.573734
41	.508000	.266581	1.001818	1.000000	1.009261	3.573734
42	.520700	.266581	1.001818	1.000000	1.009261	3.573734
43	.533400	.266233	1.001628	1.000000	1.008237	3.571333

ID NO. 11415-003

STATION X= 4.42 CM PT0= 25.130 N/SQ CM TT0=301.1K
R= 2.581 CM PWALL= .4334 N/SQ CM CF= .00168 PT = .788
UE= 648.3 M/SEC RHOE=.00511 KG/CUB M RE= 16.32256 /M
DELTA= .373 CM DELTA*= .1282 CM THETA= .0187 CM

I	Y(CM)	PT/PT0	U/UE	TT/TT0	RHO/RHOE	M
1	.000000	.017245	.000000	1.000000	.304773	.000000
2	.012700	.041610	.566559	1.000000	.392324	1.198471
3	.025400	.055589	.666009	1.000000	.440665	1.493120
4	.038100	.069166	.711248	1.000000	.470109	1.646950
5	.050800	.077934	.742952	1.000000	.494560	1.764535
6	.063500	.084266	.763074	1.000000	.512066	1.844122
7	.076200	.091781	.784606	1.000000	.532807	1.934180
8	.088900	.098531	.802100	1.000000	.551410	2.011527
9	.101600	.106116	.820136	1.000000	.572481	2.095692
10	.114300	.113562	.836119	1.000000	.592978	2.174440
11	.127000	.121355	.851406	1.000000	.614418	2.253869
12	.139700	.129775	.866486	1.000000	.637567	2.336601
13	.152400	.137499	.879176	1.000000	.658792	2.409963
14	.165100	.144945	.890499	1.000000	.679246	2.478603
15	.177800	.153573	.902631	1.000000	.702940	2.555817
16	.190500	.162202	.913823	1.000000	.726628	2.630744
17	.203200	.170761	.924205	1.000000	.750361	2.703732
18	.215900	.179459	.933903	1.000000	.774243	2.775242
19	.228600	.188714	.943485	1.000000	.799649	2.849344
20	.241300	.197552	.952000	1.000000	.823904	2.918337
21	.254000	.207642	.961043	1.000000	.851594	2.995155
22	.266700	.216548	.968486	1.000000	.876033	3.061356
23	.279400	.224829	.974995	1.000000	.898752	3.121638
24	.292100	.233597	.981493	1.000000	.922805	3.184216
25	.304800	.240277	.986194	1.000000	.941130	3.231077
26	.317500	.246401	.990326	1.000000	.957927	3.273442
27	.330200	.251689	.993757	1.000000	.972433	3.309591
28	.342900	.256004	.996490	1.000000	.984266	3.338791
29	.355600	.258509	.998038	1.000000	.991136	3.355628
30	.368300	.261292	.999730	1.000000	.998770	3.374238
31	.381000	.262475	1.000441	1.000000	1.002015	3.382116
32	.393700	.263867	1.001270	1.000000	1.005831	3.391360
33	.406400	.264632	1.001723	1.000000	1.007931	3.396434
34	.419100	.265398	1.002174	1.000000	1.010030	3.401500
35	.431800	.265398	1.002174	1.000000	1.010030	3.401500
36	.444500	.265606	1.002297	1.000000	1.010602	3.402881
37	.457200	.265606	1.002297	1.000000	1.010602	3.402881
38	.469900	.265606	1.002297	1.000000	1.010602	3.402881
39	.482600	.265815	1.002419	1.000000	1.011175	3.404261
40	.495300	.265815	1.002419	1.000000	1.011175	3.404261
41	.508000	.266302	1.002705	1.000000	1.012511	3.407478
42	.520700	.266923	1.003070	1.000000	1.014228	3.411610
43	.533400	.267833	1.003596	1.000000	1.016709	3.417570

ID NO. 11415-004

STATION X= 4.67 CM PT0= 25.130 N/SQ CM TT0=301.11K
R= 2.581 CM PWALL= .5150 N/SQ CM CF= .00163 PT =1.121
UE= 527.6 M/SEC RHOE=.09532 KG/CUB M RE= 14.74656 /M
DELTA= .344 CM DELTA*= .1246 CM THETA= .0206 CM

I	Y(CM)	PT/PT0	U/UE	TT/TT0	RHO/RHOE	M
1	.000000	.020513	.000000	1.000000	.348439	.000000
2	.012700	.039174	.510730	1.000000	.419773	1.011750
3	.025400	.052326	.602563	1.000000	.456412	1.244747
4	.038100	.064643	.665879	1.000000	.490019	1.425314
5	.050800	.074524	.705974	1.000000	.516709	1.553913
6	.063500	.081691	.732651	1.000000	.535855	1.639937
7	.076200	.088789	.759723	1.000000	.554042	1.721421
8	.088900	.095121	.774275	1.000000	.571794	1.790242
9	.101600	.102428	.793947	1.000000	.591133	1.856370
10	.114300	.110773	.814151	1.000000	.613220	1.949613
11	.127000	.118920	.832133	1.000000	.634976	2.027391
12	.139700	.127479	.849540	1.000000	.657733	2.105730
13	.152400	.136038	.865316	1.000000	.680372	2.182469
14	.165100	.144556	.879924	1.000000	.703180	2.256204
15	.177800	.153352	.894223	1.000000	.727446	2.332095
16	.190500	.163455	.907963	1.000000	.752393	2.408845
17	.203200	.173197	.920793	1.000000	.778517	2.484256
18	.215900	.182173	.931742	1.000000	.802203	2.551749
19	.228600	.191775	.942629	1.000000	.827535	2.622007
20	.241300	.200474	.951830	1.000000	.850475	2.684047
21	.254000	.210147	.961503	1.000000	.876267	2.752130
22	.266700	.217523	.968372	1.000000	.895725	2.802399
23	.279400	.225943	.975802	1.000000	.917934	2.858693
24	.292100	.233597	.982205	1.000000	.938121	2.908918
25	.304800	.241182	.988244	1.000000	.958122	2.957841
26	.317500	.247305	.992913	1.000000	.974259	2.996752
27	.330200	.252663	.996856	1.000000	.988395	3.030367
28	.342900	.256837	.999841	1.000000	.999404	3.056339
29	.355600	.259344	1.001596	1.000000	1.006099	3.071804
30	.368300	.261710	1.003230	1.000000	1.012246	3.086333
31	.381000	.262962	1.004085	1.000000	1.015543	3.094005
32	.393700	.264005	1.004794	1.000000	1.018300	3.100380
33	.406400	.264563	1.005170	1.000000	1.019757	3.103774
34	.419100	.264841	1.005357	1.000000	1.020501	3.105470
35	.431800	.265328	1.005685	1.000000	1.021785	3.108435
36	.444500	.265676	1.005918	1.000000	1.022702	3.110552
37	.457200	.266581	1.006523	1.000000	1.025087	3.116047
38	.469900	.267276	1.006985	1.000000	1.026922	3.120268
39	.482600	.267903	1.007400	1.000000	1.028573	3.124062
40	.495300	.268042	1.007492	1.000000	1.028939	3.124905
41	.508000	.268042	1.007492	1.000000	1.028939	3.124905
42	.520700	.267972	1.007446	1.000000	1.028756	3.124484
43	.533400	.267594	1.007262	1.000000	1.028022	3.122798

ID NO. 11415-005

STATION X= 4.95 CM PT0= 25.130 N/SQ CM TT0=301.11K
R= 2.581 CM PWALL= .7144 N/SQ CM CF= .00096 PI =2.172
UE= 638.6 M/SEC RHOE=.00790 KG/CUB M RE= 23.990E6 /M
DELTA= .482 CM DELTA*= .2227 CM THETA= .0325 CM

I	Y(CM)	PT/PT0	U/UE	TT/TT0	RHO/RHOE	M
1	.000000	.028428	.000000	1.000000	.324883	.000000
2	.012700	.035765	.306661	1.000000	.346908	.592206
3	.025400	.042584	.401837	1.000000	.364644	.782258
4	.038100	.049682	.467310	1.000000	.381064	.929855
5	.050800	.059424	.528906	1.000000	.400526	1.078959
6	.063500	.070975	.585558	1.000000	.422740	1.227203
7	.076200	.084614	.637809	1.000000	.447891	1.375902
8	.088900	.094704	.670309	1.000000	.466343	1.475498
9	.101600	.106186	.702279	1.000000	.487055	1.579827
10	.114300	.114953	.723976	1.000000	.502803	1.654758
11	.127000	.123443	.743340	1.000000	.518187	1.724812
12	.139700	.133324	.763674	1.000000	.535869	1.801974
13	.152400	.140561	.777404	1.000000	.548799	1.856370
14	.165100	.149050	.792410	1.000000	.563350	1.918145
15	.177800	.156078	.804029	1.000000	.576481	1.967774
16	.190500	.164011	.816357	1.000000	.590614	2.022237
17	.203200	.173545	.830179	1.000000	.607586	2.085868
18	.215900	.181686	.841369	1.000000	.622291	2.139394
19	.228600	.192193	.854670	1.000000	.640980	2.205623
20	.241300	.202283	.866549	1.000000	.658925	2.267369
21	.254000	.212721	.878015	1.000000	.677492	2.329495
22	.266700	.221837	.887411	1.000000	.693682	2.382409
23	.279400	.232205	.897465	1.000000	.712102	2.441180
24	.292100	.240416	.904990	1.000000	.726686	2.486727
25	.304800	.247792	.911445	1.000000	.739785	2.526935
26	.317500	.253707	.916426	1.000000	.750287	2.558716
27	.330200	.257604	.919618	1.000000	.757205	2.579438
28	.342900	.260318	.921800	1.000000	.762022	2.593770
29	.355600	.261983	.923126	1.000000	.764737	2.602551
30	.368300	.264145	.924822	1.000000	.768816	2.613848
31	.381000	.265606	.925959	1.000000	.771410	2.621473
32	.393700	.267416	.927354	1.000000	.774621	2.630853
33	.406400	.268251	.927994	1.000000	.776103	2.635214
34	.419100	.268877	.928471	1.000000	.777215	2.638453
35	.431800	.269364	.928842	1.000000	.778080	2.640973
36	.444500	.268807	.928418	1.000000	.777092	2.638038
37	.457200	.269085	.928630	1.000000	.777536	2.639538
38	.469900	.282168	.938345	1.000000	.801061	2.707113
39	.482600	.399698	1.002290	1.000000	1.009620	3.246261
40	.495300	.445138	1.019715	1.000000	1.030209	3.431980
41	.508000	.446390	1.020155	1.000000	1.032430	3.436957
42	.520700	.447573	1.020569	1.000000	1.034529	3.441651
43	.533400	.448686	1.020957	1.000000	1.036503	3.446062

ID NO. 11415-006

STATION X= 5.21 CM PTO= 25.130 N/SQ CM TTO=301.11K
R= 2.581 CM PWALL= .882 N/SQ CM CF= .00026 PI =*.621
UE= 546.2 M/SEC RHOE=.0026 KG/CUB M RE= 10.540E6 /M
DELTA= .244 CM DELTA*= .1311 CM THETA= .0224 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.035111	.000000	1.000000	.506520	.000000
2	.012700	.035974	.118332	1.000000	.510045	.186521
3	.025400	.036809	.164783	1.000000	.513400	.260592
4	.038100	.038200	.219638	1.000000	.518873	.349187
5	.050800	.040775	.291143	1.000000	.528633	.467202
6	.063500	.044324	.361267	1.000000	.541389	.586684
7	.076200	.050030	.441576	1.000000	.560449	.729616
8	.088900	.056988	.511743	1.000000	.581695	.861432
9	.101600	.066035	.578461	1.000000	.606705	.994451
10	.114300	.075916	.631674	1.000000	.630710	1.107208
11	.127000	.087815	.685523	1.000000	.659452	1.228668
12	.139700	.100827	.733822	1.000000	.689834	1.345192
13	.152400	.115649	.780274	1.000000	.724060	1.465397
14	.165100	.131306	.821810	1.000000	.759722	1.580957
15	.177800	.148406	.856750	1.000000	.794198	1.685154
16	.190500	.164150	.892272	1.000000	.834305	1.798793
17	.203200	.183078	.925206	1.000000	.876972	1.912284
18	.215900	.201518	.953351	1.000000	.918463	2.016530
19	.228600	.221559	.980543	1.000000	.963816	2.124637
20	.241300	.234780	.996647	1.000000	.993519	2.192554
21	.254000	.247445	1.010966	1.000000	1.021956	2.255660
22	.266700	.253777	1.017757	1.000000	1.036169	2.286550
23	.279400	.255586	1.019655	1.000000	1.040230	2.295298
24	.292100	.257187	1.021318	1.000000	1.043822	2.303008
25	.304800	.259413	1.023609	1.000000	1.048819	2.313692
26	.317500	.262823	1.027065	1.000000	1.056469	2.329956
27	.330200	.266998	1.031214	1.000000	1.065837	2.349715
28	.342900	.271312	1.035407	1.000000	1.075515	2.369958
29	.355600	.278480	1.042173	1.000000	1.091591	2.403205
30	.368300	.342638	1.093424	1.000000	1.235393	2.682331
31	.381000	.443746	1.150873	1.000000	1.462319	3.071636
32	.393700	.452235	1.154781	1.000000	1.481332	3.102036
33	.406400	.453697	1.155442	1.000000	1.484604	3.107239
34	.419100	.453697	1.155442	1.000000	1.484604	3.107239
35	.431800	.453001	1.155127	1.000000	1.483046	3.104762
36	.444500	.452096	1.154718	1.000000	1.481020	3.101540
37	.457200	.452722	1.155001	1.000000	1.482423	3.103771
38	.469900	.453418	1.155316	1.000000	1.483981	3.106248
39	.482600	.454810	1.155943	1.000000	1.487098	3.111197
40	.495300	.455367	1.156193	1.000000	1.488345	3.113174
41	.508000	.455993	1.156474	1.000000	1.489747	3.115397
42	.520700	.455367	1.156193	1.000000	1.488345	3.113174
43	.533400	.455367	1.156193	1.000000	1.488345	3.113174

STATION X= 5.44 CM PTO= 25.130 N/SQ CM TTO=301.11K
R= 2.581 CM PWALL= .981 N/SQ CM CF= .00001 PI...=*.490
UE= 635.8 M/SEC RHOE=.01 65 KG/CUB M RE= 31.538E6 /M
DELTA= .376 CM DELTA*= .2300 CM THETA= .0187 CM

I	Y(CM)	PT/PTO	/UE	TT/TTO	RHO/RHOE	M
1	.000000	.039066	.000000	1.000000	.331286	.000000
2	.012700	.038339	.000000	1.000000	.331286	.000000
3	.025400	.038339	.000000	1.000000	.331286	.000000
4	.038100	.038339	.000000	1.000000	.331286	.000000
5	.050800	.039105	.020598	1.000000	.331361	.037669
6	.063500	.040149	.107860	1.000000	.333684	.197997
7	.076200	.042027	.175773	1.000000	.338275	.324780
8	.088900	.044463	.232979	1.000000	.343764	.433960
9	.101600	.047455	.284337	1.000000	.350221	.534574
10	.114300	.051422	.336038	1.000000	.358346	.639061
11	.127000	.056640	.388049	1.000000	.368361	.748235
12	.139700	.062138	.430937	1.000000	.378261	.842001
13	.152400	.069792	.477978	1.000000	.391026	.949542
14	.165100	.078282	.519641	1.000000	.404289	1.049669
15	.177800	.087397	.553799	1.000000	.416760	1.135791
16	.190500	.097139	.586837	1.000000	.430404	1.223090
17	.203200	.111057	.627413	1.000000	.449651	1.336579
18	.215900	.126713	.665901	1.000000	.470928	1.451743
19	.228600	.144319	.702571	1.000000	.494517	1.569581
20	.241300	.164846	.739195	1.000000	.522033	1.696724
21	.254000	.187949	.774006	1.000000	.552712	1.828086
22	.266700	.214530	.807926	1.000000	.587907	1.968018
23	.279400	.261431	.856347	1.000000	.650075	2.193484
24	.292100	.353264	.923587	1.000000	.771169	2.576684
25	.304800	.451052	.972159	1.000000	.900226	2.930328
26	.317500	.530728	1.001262	1.000000	1.005123	3.189043
27	.330200	.584100	1.017213	1.000000	1.075369	3.351148
28	.342900	.600105	1.021553	1.000000	1.096431	3.398246
29	.355600	.582917	1.016884	1.000000	1.073812	3.347641
30	.368300	.547081	1.006409	1.000000	1.026047	3.239576
31	.381000	.513958	.995719	1.000000	.983046	3.136371
32	.393700	.491551	.987860	1.000000	.953550	3.064576
33	.406400	.480974	.983955	1.000000	.939625	3.030092
34	.419100	.476799	.982377	1.000000	.934128	3.016370
35	.431800	.473529	.981126	1.000000	.929822	3.005578
36	.444500	.470745	.980051	1.000000	.926157	2.996362
37	.457200	.468936	.979347	1.000000	.923775	2.990357
38	.469900	.464900	.977762	1.000000	.918460	2.976916
39	.482600	.462812	.976934	1.000000	.915712	2.969939
40	.495300	.461421	.976378	1.000000	.913879	2.965279
41	.508000	.459333	.975540	1.000000	.911130	2.958276
42	.520700	.458985	.975400	1.000000	.910672	2.957107
43	.533400	.458359	.975147	1.000000	.909847	2.955001

ID NO. 11415-008

STATION X= 5.72 CM PTO= 25.130 N/SQ CM TTO=301.11K
R= 2.581 CM PWALL= 1.074[illegible] N/SQ CM CF= .00000 PI[illegible]=*.452
UE= 648.9 M/SEC RHOE=.01[illegible]73 KG/CUB M RE= 42.124E6 /M
DELTA= .382 CM DELTA*= .2489 CM THETA= .0169 CM

I	Y(CM)	PT/PTO	/UE	TT/TTO	RHO/RHOE	M
1	.000000	.042748	.000000	1.000000	.303411	.000000
2	.012700	.042027	.000000	1.000000	.303411	.000000
3	.025400	.042027	.000000	1.000000	.303411	.000000
4	.038100	.042027	.000000	1.000000	.303411	.000000
5	.050800	.042515	.000000	1.000000	.303411	.000000
6	.063500	.043419	.079827	1.000000	.304764	.149310
7	.076200	.045228	.151478	1.000000	.308339	.284985
8	.088900	.047246	.201132	1.000000	.312209	.380769
9	.101600	.050239	.254396	1.000000	.317735	.485849
10	.114300	.054066	.305244	1.000000	.324470	.589105
11	.127000	.058519	.350987	1.000000	.331892	.685090
12	.139700	.064295	.397511	1.000000	.340939	.786402
13	.152400	.071323	.441957	1.000000	.351195	.887384
14	.165100	.081135	.491759	1.000000	.364876	1.006427
15	.177800	.091225	.527414	1.000000	.376332	1.096212
16	.190500	.105490	.572712	1.000000	.393264	1.216848
17	.203200	.122886	.617939	1.000000	.413362	1.346072
18	.215900	.145780	.666395	1.000000	.439308	1.496492
19	.228600	.170970	.709796	1.000000	.467469	1.644249
20	.241300	.201031	.752515	1.000000	.501061	1.804755
21	.254000	.236728	.793660	1.000000	.540627	1.977157
22	.266700	.271521	.826844	1.000000	.579291	2.132209
23	.279400	.319187	.863899	1.000000	.631947	2.326811
24	.292100	.368524	.894977	1.000000	.686383	2.512191
25	.304800	.424540	.923880	1.000000	.748380	2.707910
26	.317500	.480278	.947480	1.000000	.809830	2.888847
27	.330200	.539913	.968550	1.000000	.875552	3.070582
28	.342900	.578394	.980340	1.000000	.917949	3.182320
29	.355600	.614509	.990342	1.000000	.957734	3.283716
30	.368300	.637890	.996337	1.000000	.983489	3.347716
31	.381000	.652294	.999859	1.000000	.999354	3.386541
32	.393700	.658766	1.001402	1.000000	1.006482	3.403839
33	.406400	.671500	1.004367	1.000000	1.020507	3.437622
34	.419100	.671709	1.004415	1.000000	1.020737	3.438173
35	.431800	.653477	1.000143	1.000000	1.000657	3.389709
36	.444500	.613465	.990066	1.000000	.956585	3.260830
37	.457200	.562390	.975589	1.000000	.900316	3.136333
38	.469900	.516602	.960757	1.000000	.849864	3.000860
39	.482600	.492943	.952277	1.000000	.823789	2.928391
40	.495300	.482923	.948497	1.000000	.812745	2.897148
41	.508000	.478747	.946887	1.000000	.808145	2.884030
42	.520700	.474572	.945255	1.000000	.803541	2.870852
43	.533400	.471789	.944156	1.000000	.800473	2.862032

ID NO. 11415-009

STATION X= 5.94 CM PTO= 25.130 N/SQ CM TTO=301.11K
R= 2.581 CM PWALL= 1.201 N/SQ CM CF= .00006 PI =*.441
UE= 605.1 M/SEC RHOE=.0195 KG/CUB M RE= 25.904E6 /M
DELTA= .325 CM DELTA*= .1955 CM THETA= .0225 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.047794	.000000	1.000000	.394324	.000000
2	.012700	.047942	.036154	1.000000	.394672	.066427
3	.025400	.048290	.069716	1.000000	.395468	.121500
4	.038100	.049125	.113596	1.000000	.397430	.198460
5	.050800	.050378	.156990	1.000000	.400299	.275260
6	.063500	.052465	.208337	1.000000	.404970	.367415
7	.076200	.055386	.260983	1.000000	.411291	.463838
8	.088900	.059215	.313120	1.000000	.419218	.561836
9	.101600	.064504	.368159	1.000000	.429590	.668717
10	.114300	.071741	.425314	1.000000	.442642	.784356
11	.127000	.079604	.473219	1.000000	.456199	.885764
12	.139700	.090738	.527470	1.000000	.474240	1.006643
13	.152400	.104307	.573526	1.000000	.492426	1.115330
14	.165100	.122817	.627378	1.000000	.517754	1.251038
15	.177800	.142788	.674521	1.000000	.544322	1.379122
16	.190500	.166168	.720391	1.000000	.575087	1.513959
17	.203200	.193864	.765240	1.000000	.611051	1.657735
18	.215900	.225943	.808464	1.000000	.652722	1.810104
19	.228600	.260735	.847181	1.000000	.697552	1.960846
20	.241300	.295180	.879614	1.000000	.742081	2.099891
21	.254000	.328234	.906207	1.000000	.784548	2.224416
22	.266700	.359130	.927976	1.000000	.824207	2.334716
23	.279400	.389956	.947261	1.000000	.863750	2.439734
24	.292100	.424956	.966710	1.000000	.908625	2.553666
25	.304800	.455228	.981767	1.000000	.947417	2.648243
26	.317500	.480278	.993277	1.000000	.979830	2.724737
27	.330200	.505608	1.003946	1.000000	1.012294	2.799255
28	.342900	.520916	1.010017	1.000000	1.031912	2.843340
29	.355600	.539078	1.016882	1.000000	1.055183	2.894765
30	.368300	.553830	1.022206	1.000000	1.074084	2.935869
31	.381000	.570044	1.027816	1.000000	1.094855	2.980386
32	.393700	.583544	1.032304	1.000000	1.112148	3.016948
33	.406400	.595930	1.036284	1.000000	1.128014	3.050108
34	.419100	.611378	1.041074	1.000000	1.147801	3.090963
35	.431800	.624321	1.044945	1.000000	1.164378	3.124779
36	.444500	.636498	1.048475	1.000000	1.179974	3.156264
37	.457200	.650068	1.052287	1.000000	1.197351	3.190979
38	.469900	.660853	1.055229	1.000000	1.211163	3.216364
39	.482600	.666211	1.056663	1.000000	1.218025	3.231793
40	.495300	.662175	1.055585	1.000000	1.212856	3.221638
41	.508000	.630375	1.046713	1.000000	1.172131	3.140471
42	.520700	.571227	1.028215	1.000000	1.096371	2.983608
43	.533400	.505538	1.003917	1.000000	1.012205	2.799053

STATION X= 6.22 CM PTO= 25.130 N/SQ CM TTO=301.1K
R= 2.581 CM PWALL= 1.3211 N/SQ CM CF= .00017 PI =*.428
UE= 595.0 M/SEC RHOE=.0146 KG/CUB M RE= 25.391E6 /M
DELTA= .291 CM DELTA*= .1625 CM THETA= .0221 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.052568	.000000	1.000000	.414442	.000000
2	.012700	.054344	.127038	1.000000	.418396	.218406
3	.025400	.055945	.173520	1.000000	.421880	.299559
4	.038100	.058171	.220713	1.000000	.426611	.383161
5	.050800	.060955	.265936	1.000000	.432346	.464763
6	.063500	.064504	.311412	1.000000	.439393	.548657
7	.076200	.070001	.366308	1.000000	.449782	.652959
8	.088900	.077099	.420724	1.000000	.462365	.760377
9	.101600	.086702	.476967	1.000000	.478136	.876601
10	.114300	.097348	.525053	1.000000	.494223	.981077
11	.127000	.113214	.578597	1.000000	.515494	1.104146
12	.139700	.130749	.627214	1.000000	.538486	1.223324
13	.152400	.153573	.679037	1.000000	.567725	1.359882
14	.165100	.181547	.730650	1.000000	.602912	1.507906
15	.177800	.210425	.774424	1.000000	.638761	1.645078
16	.190500	.243269	.816248	1.000000	.679562	1.788442
17	.203200	.281889	.856969	1.000000	.727131	1.942272
18	.215900	.322597	.892774	1.000000	.777150	2.091858
19	.228600	.367062	.925786	1.000000	.831995	2.244448
20	.241300	.411676	.953828	1.000000	.886951	2.387582
21	.254000	.445555	.972250	1.000000	.928223	2.489675
22	.266700	.477634	.988048	1.000000	.967518	2.583127
23	.279400	.497049	.996887	1.000000	.991292	2.638061
24	.292100	.504564	1.000175	1.000000	1.000494	2.659019
25	.304800	.505190	1.000445	1.000000	1.001261	2.660758
26	.317500	.502476	.999268	1.000000	.997938	2.653214
27	.330200	.499345	.997899	1.000000	.994104	2.644483
28	.342900	.496770	.996763	1.000000	.990951	2.637282
29	.355600	.496492	.996640	1.000000	.990611	2.636502
30	.368300	.498649	.997593	1.000000	.993252	2.642539
31	.381000	.502407	.999238	1.000000	.997853	2.653020
32	.393700	.506373	1.000956	1.000000	1.002709	2.664040
33	.406400	.510896	1.002890	1.000000	1.008247	2.676549
34	.419100	.516393	1.005320	1.000000	1.015303	2.692406
35	.431800	.521821	1.007573	1.000000	1.021952	2.707261
36	.444500	.527040	1.009707	1.000000	1.028345	2.721468
37	.457200	.532050	1.011727	1.000000	1.034481	2.735036
38	.469900	.536852	1.013637	1.000000	1.040362	2.747976
39	.482600	.542140	1.015711	1.000000	1.046039	2.762157
40	.495300	.545759	1.017113	1.000000	1.051271	2.771819
41	.508000	.550351	1.018873	1.000000	1.056896	2.784032
42	.520700	.553483	1.020060	1.000000	1.060730	2.792329
43	.533400	.557031	1.021394	1.000000	1.065077	2.801702

STATION X= 6.45 CM PTO= 25.130 N/SQ CM TTO=301.11K
R= 2.581 CM PWALL= 1.4204 N/SQ CM CF= .00033 PI =7.841
UE= 591.4 M/SEC RHOE=.01211 KG/CUB M RE= 26.251E6 /M
DELTA= .274 CM DELTA*= .1429 CM THETA= .0219 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.056523	.000000	1.000000	.421488	.000000
2	.012700	.063390	.236036	1.000000	.435525	.408069
3	.025400	.066174	.275910	1.000000	.440905	.479943
4	.038100	.069305	.312748	1.000000	.446768	.547627
5	.050800	.074176	.359380	1.000000	.455523	.635416
6	.063500	.080230	.405719	1.000000	.465849	.725433
7	.076200	.087049	.447928	1.000000	.476835	.810291
8	.088900	.096652	.495626	1.000000	.491307	.910080
9	.101600	.110013	.549316	1.000000	.510625	1.028307
10	.114300	.128870	.602034	1.000000	.533312	1.151756
11	.127000	.148842	.649834	1.000000	.557742	1.271359
12	.139700	.175284	.701798	1.000000	.589434	1.411493
13	.152400	.206389	.751874	1.000000	.626320	1.558806
14	.165100	.240208	.796792	1.000000	.666157	1.703658
15	.177800	.277923	.838258	1.000000	.710181	1.850595
16	.190500	.318074	.875220	1.000000	.756909	1.994749
17	.203200	.363374	.910426	1.000000	.809798	2.146259
18	.215900	.408118	.939733	1.000000	.861733	2.285283
19	.228600	.453279	.965162	1.000000	.914104	2.417391
20	.241300	.491064	.983857	1.000000	.957893	2.522548
21	.254000	.514167	.994308	1.000000	.984657	2.584713
22	.266700	.525440	.999165	1.000000	.997715	2.614505
23	.279400	.527318	.999960	1.000000	.999891	2.619437
24	.292100	.523422	.998307	1.000000	.995377	2.609197
25	.304800	.515071	.994703	1.000000	.985705	2.587117
26	.317500	.505399	.990422	1.000000	.974501	2.561300
27	.330200	.493152	.984830	1.000000	.960312	2.528228
28	.342900	.481253	.979203	1.000000	.946524	2.495672
29	.355600	.468936	.973166	1.000000	.932251	2.461516
30	.368300	.456619	.966902	1.000000	.917975	2.426873
31	.381000	.448339	.962555	1.000000	.908376	2.403297
32	.393700	.443189	.959795	1.000000	.902406	2.388518
33	.406400	.439849	.957980	1.000000	.898534	2.378882
34	.419100	.439710	.957904	1.000000	.898372	2.378480
35	.431800	.440267	.958208	1.000000	.899018	2.380089
36	.444500	.443259	.959833	1.000000	.902487	2.388718
37	.457200	.445903	.961255	1.000000	.905553	2.396319
38	.469900	.449452	.963146	1.000000	.909667	2.406481
39	.482600	.453349	.965198	1.000000	.914184	2.417589
40	.495300	.456689	.966938	1.000000	.918056	2.427070
41	.508000	.461977	.969656	1.000000	.924186	2.442004
42	.520700	.466361	.971876	1.000000	.929267	2.454315
43	.533400	.471719	.974550	1.000000	.935477	2.469277

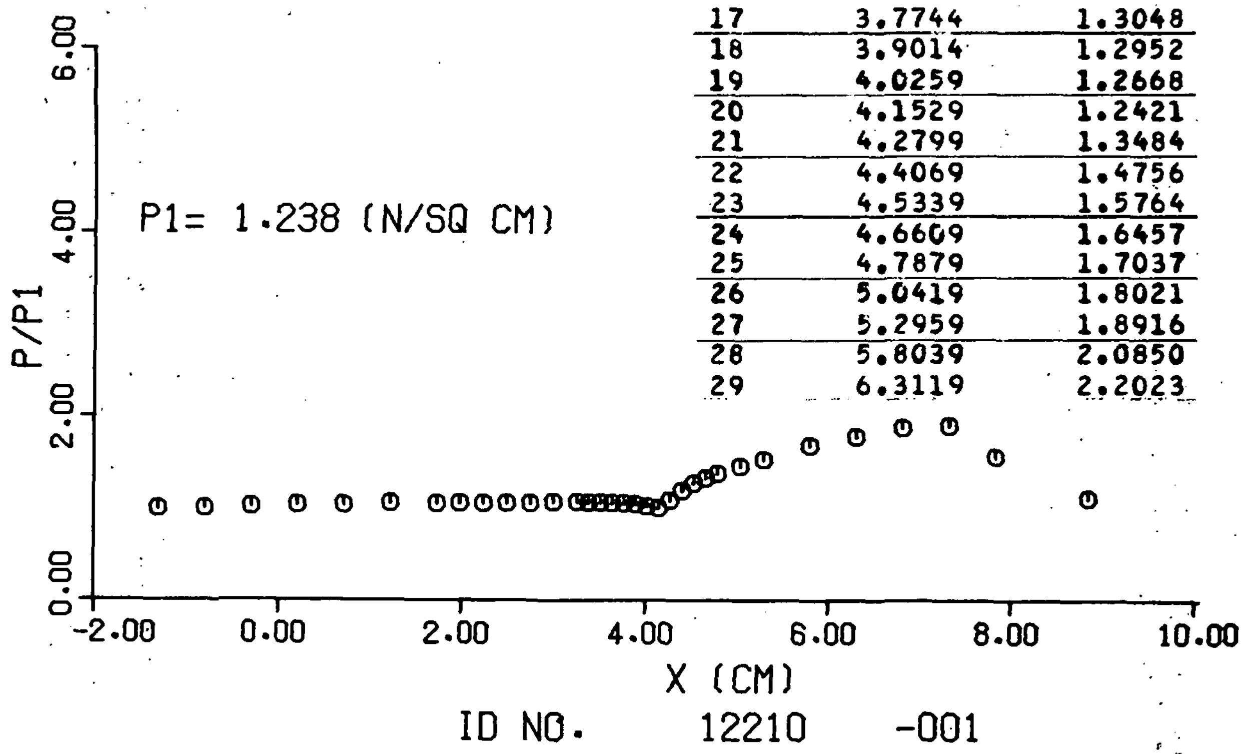
STATION X= 6.71 CM PTO= 25.130 N/SQ CM TTO=301.11K
R= 2.581 CM PWALL= 1.4650 N/SQ CM CF= .00065 PI =4.558
UE= 584.3 M/SEC RHOE=.01210 KG/CUB M RE= 25.128E6 /M
DELTA= .253 CM DELTA*= .1188 CM THETA= .0211 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.058296	.000000	1.000000	.435174	.000000
2	.012700	.075220	.352632	1.000000	.468048	.614578
3	.025400	.080648	.395972	1.000000	.477458	.697016
4	.038100	.087049	.437756	1.000000	.487993	.779022
5	.050800	.095121	.480759	1.000000	.500515	.866458
6	.063500	.104168	.520164	1.000000	.513677	.949721
7	.076200	.118502	.568372	1.000000	.532300	1.056384
8	.088900	.132976	.609445	1.000000	.550706	1.152140
9	.101600	.153365	.657351	1.000000	.575678	1.270568
10	.114300	.178276	.705861	1.000000	.605601	1.399340
11	.127000	.207085	.752561	1.000000	.639856	1.533536
12	.139700	.239164	.795793	1.000000	.677521	1.668677
13	.152400	.275000	.836581	1.000000	.719657	1.807931
14	.165100	.314316	.874059	1.000000	.765498	1.948156
15	.177800	.351754	.904526	1.000000	.809057	2.072630
16	.190500	.389399	.931304	1.000000	.853096	2.191297
17	.203200	.427950	.955181	1.000000	.897879	2.305716
18	.215900	.463856	.974904	1.000000	.939561	2.407329
19	.228600	.491342	.988615	1.000000	.971453	2.482270
20	.241300	.509365	.997029	1.000000	.992359	2.530190
21	.254000	.516115	1.000072	1.000000	1.000187	2.547903
22	.266700	.516185	1.000103	1.000000	1.000268	2.548085
23	.279400	.513123	.998730	1.000000	.996717	2.540066
24	.292100	.511174	.997851	1.000000	.994457	2.534950
25	.304800	.501641	.993476	1.000000	.983400	2.509766
26	.317500	.494196	.989976	1.000000	.974763	2.489918
27	.330200	.486541	.986299	1.000000	.965883	2.469345
28	.342900	.479930	.983057	1.000000	.958213	2.451437
29	.355600	.471928	.979047	1.000000	.948928	2.429580
30	.368300	.463508	.974724	1.000000	.939157	2.406365
31	.381000	.454114	.969768	1.000000	.928254	2.380194
32	.393700	.443746	.964131	1.000000	.916219	2.350966
33	.406400	.432890	.958029	1.000000	.903616	2.319965
34	.419100	.422801	.952165	1.000000	.891899	2.290768
35	.431800	.413824	.946785	1.000000	.881474	2.264472
36	.444500	.406935	.942546	1.000000	.873471	2.244079
37	.457200	.402621	.939842	1.000000	.868459	2.231211
38	.469900	.400255	.938342	1.000000	.865710	2.224122
39	.482600	.400533	.938519	1.000000	.866034	2.224957
40	.495300	.402899	.940018	1.000000	.868783	2.232043
41	.508000	.404917	.941286	1.000000	.871127	2.238069
42	.520700	.408535	.943540	1.000000	.875331	2.248833
43	.533400	.411876	.945596	1.000000	.879211	2.258723

ID NO. 12210-001

PTO= 10.0648 N/SQ CM
TTO= 300.2222 K
PBAR= 758.8000 MMHG
TMAN= 298.6667 K

I	X(CM)	P(N/SQ CM)
1	-1.3056	1.2380
2	-.7976	1.2380
3	-.2896	1.2606
4	.2184	1.2877
5	.7264	1.2877
6	1.2344	1.3100
7	1.7424	1.3031
8	1.9964	1.3083
9	2.2504	1.3072
10	2.5044	1.3079
11	2.7584	1.3086
12	3.0124	1.3258
13	3.2664	1.3264
14	3.3934	1.3196
15	3.5204	1.3179
16	3.6474	1.3114
17	3.7744	1.3048
18	3.9014	1.2952
19	4.0259	1.2668
20	4.1529	1.2421
21	4.2799	1.3484
22	4.4069	1.4756
23	4.5339	1.5764
24	4.6609	1.6457
25	4.7879	1.7037
26	5.0419	1.8021
27	5.2959	1.8916
28	5.8039	2.0850
29	6.3119	2.2023



ID NO. 12210-002

STATION X= 3.02 CM PTO= 25.057 N/SQ CM TTO=299.83K
R= 2.576 CM PWALL= 1.3258 N/SQ CM CF= .00247 PI = .774
UE= 509.9 M/SEC RHOE=.00843 KG/CUB M RE= 11.981E6 /M
DELTA= .285 CM DELTA*= .0701 CM THETA= .0209 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.052910	.000000	1.000000	.568013	.000000
2	.012700	.089248	.566748	1.000000	.659526	.897526
3	.025400	.114009	.673633	1.000000	.706610	1.104545
4	.038100	.129021	.722753	1.000000	.733542	1.207101
5	.050800	.139473	.752395	1.000000	.751884	1.272222
6	.063500	.150486	.780795	1.000000	.771083	1.336993
7	.076200	.161499	.806440	1.000000	.789939	1.397688
8	.088900	.170898	.827008	1.000000	.806212	1.448024
9	.101600	.179947	.845273	1.000000	.821599	1.494061
10	.114300	.189908	.864129	1.000000	.838486	1.543007
11	.127000	.198676	.879757	1.000000	.853316	1.584744
12	.139700	.208497	.896290	1.000000	.869892	1.630132
13	.152400	.218107	.911570	1.000000	.886085	1.673282
14	.165100	.226104	.923929	1.000000	.899842	1.709082
15	.177800	.235924	.938079	1.000000	.916365	1.751117
16	.190500	.243991	.949165	1.000000	.929924	1.784871
17	.203200	.253320	.961427	1.000000	.945591	1.823096
18	.215900	.260195	.970104	1.000000	.957127	1.850736
19	.228600	.264824	.975786	1.000000	.964893	1.869113
20	.241300	.271418	.983664	1.000000	.975948	1.894966
21	.254000	.276819	.989938	1.000000	.985000	1.915876
22	.266700	.281379	.995113	1.000000	.992639	1.933345
23	.279400	.284115	.998167	1.000000	.997221	1.943749
24	.292100	.287271	1.001643	1.000000	1.002508	1.955682
25	.304800	.288253	1.002715	1.000000	1.004152	1.959380
26	.317500	.289446	1.004010	1.000000	1.006149	1.963860
27	.330200	.290849	1.005525	1.000000	1.008498	1.969117
28	.342900	.291480	1.006203	1.000000	1.009555	1.971478
29	.355600	.291691	1.006429	1.000000	1.009907	1.972264
30	.368300	.291761	1.006504	1.000000	1.010025	1.972526
31	.381000	.292041	1.006805	1.000000	1.010494	1.973574
32	.393700	.292111	1.006880	1.000000	1.010612	1.973836
33	.406400	.292252	1.007030	1.000000	1.010847	1.974360
34	.419100	.292462	1.007255	1.000000	1.011199	1.975145
35	.431800	.292532	1.007330	1.000000	1.011316	1.975407
36	.444500	.292532	1.007330	1.000000	1.011316	1.975407
37	.457200	.292532	1.007330	1.000000	1.011316	1.975407
38	.469900	.292532	1.007330	1.000000	1.011316	1.975407
39	.482600	.292532	1.007330	1.000000	1.011316	1.975407
40	.495300	.292532	1.007330	1.000000	1.011316	1.975407
41	.508000	.292532	1.007330	1.000000	1.011316	1.975407
42	.533400	.292532	1.007330	1.000000	1.011316	1.975407
43	.558800	.292532	1.007330	1.000000	1.011316	1.975407

STATION X= 3.28 CM PTO= 25.057 N/SQ CM TTO=299.83K
R= 2.576 CM PWALL= 1.3264 N/SQ CM CF= .00247 PI = .761
UE= 510.2 M/SEC RHOE=.00844 KG/CUB M RE= 12.013E6 /M
DELTA= .292 CM DELTA*= .0711 CM THETA= .0213 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.052938	.000000	1.000000	.567538	.000000
2	.012700	.090370	.572412	1.000000	.661234	.908548
3	.025400	.114571	.675136	1.000000	.706878	1.107961
4	.038100	.129021	.722160	1.000000	.732813	1.206678
5	.050800	.139192	.751040	1.000000	.750647	1.270113
6	.063500	.150556	.780348	1.000000	.770425	1.336949
7	.076200	.160517	.803613	1.000000	.787462	1.391949
8	.088900	.170197	.824906	1.000000	.804194	1.443931
9	.101600	.179246	.843252	1.000000	.819565	1.490083
10	.114300	.188715	.861283	1.000000	.835602	1.536763
11	.127000	.197133	.876408	1.000000	.849825	1.577003
12	.139700	.206743	.892742	1.000000	.865030	1.621637
13	.152400	.215652	.907073	1.000000	.881026	1.661873
14	.165100	.225472	.922313	1.000000	.897831	1.705836
15	.177800	.233820	.934425	1.000000	.911660	1.741685
16	.190500	.243009	.947150	1.000000	.927287	1.780276
17	.203200	.251006	.957744	1.000000	.940700	1.813161
18	.215900	.258020	.966693	1.000000	.952458	1.841504
19	.228600	.265105	.975424	1.000000	.964327	1.869679
20	.241300	.271067	.982546	1.000000	.974310	1.893054
21	.254000	.275908	.988182	1.000000	.982411	1.911612
22	.266700	.281519	.994561	1.000000	.991801	1.933325
23	.279400	.283483	.996755	1.000000	.995086	1.940796
24	.292100	.286500	1.000086	1.000000	1.000131	1.952213
25	.304800	.288464	1.002231	1.000000	1.003416	1.959610
26	.317500	.289937	1.003828	1.000000	1.005879	1.965139
27	.330200	.291410	1.005414	1.000000	1.008342	1.970653
28	.342900	.291480	1.005489	1.000000	1.008459	1.970915
29	.355600	.291620	1.005639	1.000000	1.008694	1.971439
30	.368300	.291831	1.005865	1.000000	1.009045	1.972225
31	.381000	.292532	1.006615	1.000000	1.010218	1.974842
32	.393700	.293374	1.007512	1.000000	1.011625	1.977979
33	.406400	.293374	1.007512	1.000000	1.011625	1.977979
34	.419100	.293093	1.007214	1.000000	1.011156	1.976934
35	.431800	.292813	1.006915	1.000000	1.010687	1.975888
36	.444500	.292813	1.006915	1.000000	1.010687	1.975888
37	.457200	.292953	1.007064	1.000000	1.010922	1.976411
38	.469900	.292953	1.007064	1.000000	1.010922	1.976411
39	.482600	.292953	1.007064	1.000000	1.010922	1.976411
40	.495300	.292953	1.007064	1.000000	1.010922	1.976411
41	.508000	.292953	1.007064	1.000000	1.010922	1.976411
42	.533400	.292953	1.007064	1.000000	1.010922	1.976411
43	.558800	.292953	1.007064	1.000000	1.010922	1.976411

ID NO. 1221C-C04

STATION X= 3.53 CM PTO= 25.057 N/SQ CM TTO=299.83K
R= 2.576 CM PWALL= 1.3179 N/SQ CM CF= .00246 PI = .766
UE= 511.2 M/SEC RHOE=.00841 KG/CUB M RE= 12.024E6 /M
DELTA= .297 CM DELTA*= .0725 CM THETA= .0216 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.052595	.000000	1.000000	.565890	.000000
2	.012700	.088336	.563198	1.000000	.656254	.893544
3	.025400	.113027	.671162	1.000000	.703449	1.102458
4	.038100	.130073	.726303	1.000000	.733969	1.218639
5	.050800	.139262	.752208	1.000000	.750146	1.275938
6	.063500	.148802	.776954	1.000000	.766845	1.332501
7	.076200	.158693	.800307	1.000000	.783829	1.387669
8	.088900	.168864	.822849	1.000000	.801462	1.442715
9	.101600	.177352	.840195	1.000000	.815933	1.486367
10	.114300	.186751	.858263	1.000000	.831913	1.533126
11	.127000	.195730	.874517	1.000000	.847139	1.576392
12	.139700	.205130	.890586	1.000000	.863047	1.620360
13	.152400	.214319	.905446	1.000000	.878571	1.662148
14	.165100	.223017	.919070	1.000000	.893541	1.701470
15	.177800	.231645	.931703	1.000000	.908094	1.738847
16	.190500	.239922	.943284	1.000000	.922042	1.773929
17	.203200	.247989	.954100	1.000000	.935623	1.807436
18	.215900	.255916	.964306	1.000000	.948959	1.839742
19	.228600	.262159	.972067	1.000000	.959455	1.864777
20	.241300	.268893	.980179	1.000000	.970772	1.891397
21	.254000	.274154	.986339	1.000000	.979609	1.911927
22	.266700	.279134	.992033	1.000000	.987972	1.931155
23	.279400	.282642	.995965	1.000000	.993860	1.944577
24	.292100	.285518	.999143	1.000000	.998687	1.955513
25	.304800	.287552	1.001366	1.000000	1.002101	1.963211
26	.317500	.289306	1.003265	1.000000	1.005044	1.969822
27	.330200	.290428	1.004474	1.000000	1.006927	1.974040
28	.342900	.291340	1.005451	1.000000	1.008457	1.977462
29	.355600	.291620	1.005751	1.000000	1.008927	1.978513
30	.368300	.292252	1.006424	1.000000	1.009987	1.980877
31	.381000	.292252	1.006424	1.000000	1.009987	1.980877
32	.393700	.292673	1.006872	1.000000	1.010693	1.982451
33	.406400	.292883	1.007096	1.000000	1.011046	1.983237
34	.419100	.292883	1.007096	1.000000	1.011046	1.983237
35	.431800	.293234	1.007468	1.000000	1.011634	1.984547
36	.444500	.293935	1.008211	1.000000	1.012811	1.987165
37	.457200	.294987	1.009320	1.000000	1.014576	1.991085
38	.469900	.296110	1.010499	1.000000	1.016459	1.995258
39	.482600	.298425	1.012910	1.000000	1.020341	2.003836
40	.495300	.300248	1.014793	1.000000	1.023400	2.010568
41	.508000	.302072	1.016662	1.000000	1.026458	2.017277
42	.533400	.304668	1.019295	1.000000	1.030810	2.026785
43	.558800	.304948	1.019578	1.000000	1.031280	2.027810

STATION X= 3.78 CM PTO= 25.057 N/SQ CM TTO=299.83K
R= 2.576 CM PWALL= 1.3048 N/SQ CM CF= .00243 PI = .753
UE= 514.4 M/SEC RHOE=.00840 KG/CUB M RE= 12.200E6 /M
DELTA= .311 CM DELTA*= .0756 CM THETA= .0224 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.052075	.000000	1.000000	.560459	.000000
2	.012700	.088546	.565831	1.000000	.652247	.904910
3	.025400	.113589	.673042	1.000000	.699792	1.114909
4	.038100	.127548	.718177	1.000000	.724768	1.210719
5	.050800	.138140	.748227	1.000000	.743387	1.277478
6	.063500	.148171	.774203	1.000000	.760932	1.337335
7	.076200	.158693	.798901	1.000000	.778993	1.396280
8	.088900	.167180	.817721	1.000000	.793747	1.442642
9	.101600	.176019	.835825	1.000000	.808819	1.488517
10	.114300	.185699	.854426	1.000000	.825277	1.537047
11	.127000	.194538	.870406	1.000000	.840268	1.579950
12	.139700	.202534	.884119	1.000000	.853805	1.617718
13	.152400	.211303	.898413	1.000000	.868624	1.658077
14	.165100	.220983	.913631	1.000000	.885254	1.702226
15	.177800	.228769	.925087	1.000000	.898391	1.736312
16	.190500	.237187	.936938	1.000000	.912581	1.772390
17	.203200	.245815	.948553	1.000000	.927111	1.808589
18	.215900	.253531	.958514	1.000000	.940096	1.840336
19	.228600	.259914	.966469	1.000000	.950831	1.866175
20	.241300	.266017	.973846	1.000000	.961090	1.890536
21	.254000	.270927	.979627	1.000000	.969340	1.909904
22	.266700	.277030	.986628	1.000000	.979591	1.933697
23	.279400	.280678	.990718	1.000000	.985716	1.947775
24	.292100	.283834	.994203	1.000000	.991015	1.959873
25	.304800	.287903	.998622	1.000000	.997844	1.975354
26	.317500	.290779	1.001697	1.000000	1.002671	1.986223
27	.330200	.294426	1.005541	1.000000	1.008791	1.999921
28	.342900	.297583	1.008817	1.000000	1.014086	2.011697
29	.355600	.300599	1.011906	1.000000	1.019146	2.022884
30	.368300	.302212	1.013542	1.000000	1.021852	2.028842
31	.381000	.303265	1.014603	1.000000	1.023616	2.032718
32	.393700	.304036	1.015377	1.000000	1.024910	2.035556
33	.406400	.304597	1.015939	1.000000	1.025851	2.037617
34	.419100	.305369	1.016709	1.000000	1.027145	2.040447
35	.431800	.306000	1.017338	1.000000	1.028204	2.042760
36	.444500	.306141	1.017477	1.000000	1.028439	2.043274
37	.457200	.306702	1.018034	1.000000	1.029380	2.045327
38	.469900	.306842	1.018173	1.000000	1.029615	2.045840
39	.482600	.306982	1.018312	1.000000	1.029850	2.046353
40	.495300	.307193	1.018520	1.000000	1.030203	2.047122
41	.508000	.307544	1.018867	1.000000	1.030791	2.048403
42	.533400	.307754	1.019074	1.000000	1.031144	2.049171
43	.558800	.308245	1.019558	1.000000	1.031967	2.050962

STATION X= 4.04 CM PTO= 25.057 N/SQ CM TTO=299.83K
R= 2.576 CM PWALL= 1.2668 N/SQ CM CF= .00228 PI = .875
UE= 524.1 M/SEC RHOE=.00841 KG/CUB M RE= 12.785E6 /M
DELTA= .309 CM DELTA*= .0801 CM THETA= .0227 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.050556	.000000	1.000000	.543701	.000000
2	.012700	.098226	.617495	1.000000	.658223	1.026242
3	.025400	.108328	.653553	1.000000	.675320	1.100184
4	.038100	.119060	.689956	1.000000	.694573	1.177906
5	.050800	.129652	.722078	1.000000	.713436	1.249372
6	.063500	.139753	.749533	1.000000	.731123	1.312852
7	.076200	.150696	.776326	1.000000	.749936	1.377166
8	.088900	.161078	.799933	1.000000	.767920	1.435957
9	.101600	.170477	.819516	1.000000	.783942	1.486378
10	.114300	.181701	.841245	1.000000	.803008	1.544231
11	.127000	.192363	.860424	1.000000	.821067	1.597099
12	.139700	.201903	.876515	1.000000	.837190	1.642862
13	.152400	.211794	.892496	1.000000	.854156	1.689681
14	.165100	.221474	.907034	1.000000	.870481	1.733537
15	.177800	.231294	.920997	1.000000	.887022	1.776870
16	.190500	.240904	.933962	1.000000	.903192	1.818232
17	.203200	.250444	.946203	1.000000	.919229	1.858345
18	.215900	.259353	.957113	1.000000	.934193	1.895010
19	.228600	.268682	.968036	1.000000	.949854	1.932637
20	.241300	.275557	.975779	1.000000	.961388	1.959885
21	.254000	.281800	.982597	1.000000	.971858	1.984297
22	.266700	.287201	.988340	1.000000	.980914	2.005172
23	.279400	.292111	.993440	1.000000	.989144	2.023957
24	.292100	.295198	.996589	1.000000	.994316	2.035674
25	.304800	.297443	.998852	1.000000	.998077	2.044152
26	.317500	.300880	1.002274	1.000000	1.003836	2.057064
27	.330200	.302142	1.003518	1.000000	1.005951	2.061787
28	.342900	.303335	1.004687	1.000000	1.007949	2.066237
29	.355600	.304738	1.006055	1.000000	1.010299	2.071460
30	.368300	.305299	1.006599	1.000000	1.011239	2.073545
31	.381000	.305650	1.006939	1.000000	1.011826	2.074848
32	.393700	.306421	1.007685	1.000000	1.013118	2.077710
33	.406400	.306702	1.007955	1.000000	1.013588	2.078749
34	.419100	.306912	1.008158	1.000000	1.013941	2.079529
35	.431800	.307263	1.008495	1.000000	1.014528	2.080827
36	.444500	.307544	1.008765	1.000000	1.014998	2.081865
37	.457200	.307754	1.008967	1.000000	1.015351	2.082644
38	.469900	.307965	1.009169	1.000000	1.015703	2.083422
39	.482600	.308245	1.009437	1.000000	1.016173	2.084458
40	.495300	.308596	1.009773	1.000000	1.016760	2.085754
41	.508000	.308736	1.009907	1.000000	1.016995	2.086272
42	.533400	.309227	1.010376	1.000000	1.017818	2.088083
43	.558800	.309508	1.010643	1.000000	1.018287	2.089118

STATION X= 4.29 CM PTO= 25.057 N/SQ CM TTO=299.83K
R= 2.576 CM PWALL= 1.3484 N/SQ CM CF= .00242 PI = .660
UE= 517.8 M/SEC RHOE=.00878 KG/CUB M RE= 12.948E6 /M
DELTA= .356 CM DELTA*= .0817 CM THETA= .0241 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.053814	.000000	1.000000	.554577	.000000
2	.012700	.093176	.570881	1.000000	.648754	.921457
3	.025400	.112677	.652164	1.000000	.684196	1.081029
4	.038100	.125934	.695958	1.000000	.707138	1.172803
5	.050800	.139402	.734555	1.000000	.730031	1.257723
6	.063500	.153923	.770967	1.000000	.754275	1.341808
7	.076200	.169074	.804409	1.000000	.779143	1.422903
8	.088900	.183384	.833118	1.000000	.802760	1.495855
9	.101600	.193205	.851094	1.000000	.818742	1.543267
10	.114300	.202745	.867521	1.000000	.834229	1.587862
11	.127000	.213617	.885129	1.000000	.851843	1.637105
12	.139700	.222456	.898652	1.000000	.866137	1.676003
13	.152400	.225805	.905324	1.000000	.873451	1.695561
~~14~~	~~.165100~~	~~.222877~~	~~.899537~~	~~1.000000~~	.867098	1.678585
15	.177800	.220983	.896444	1.000000	.863756	1.669586
16	.190500	.225753	.903786	1.000000	.871750	1.691031
17	.203200	.235573	.917805	1.000000	.887620	1.732822
18	.215900	.244903	.930466	1.000000	.902680	1.771566
19	.228600	.254022	.942272	1.000000	.917385	1.808599
20	.241300	.262860	.953217	1.000000	.931627	1.843754
21	.254000	.271769	.963788	1.000000	.945971	1.878497
22	.266700	.278713	.971728	1.000000	.957146	1.905126
23	.279400	.286219	.980029	1.000000	.969218	1.933481
24	.292100	.291199	.985385	1.000000	.977226	1.952062
25	.304800	.296390	.990843	1.000000	.985569	1.971235
26	.317500	.300038	.994605	1.000000	.991431	1.984595
27	.330200	.302563	.997175	1.000000	.995488	1.993790
28	.342900	.303896	.998520	1.000000	.997630	1.998625
29	.355600	.305369	.999998	1.000000	.999996	2.003956
30	.368300	.305790	1.000418	1.000000	1.000672	2.005476
31	.381000	.307333	1.001954	1.000000	1.003151	2.011040
32	.393700	.307544	1.002162	1.000000	1.003489	2.011798
33	.406400	.308035	1.002648	1.000000	1.004278	2.013565
34	.419100	.308385	1.002995	1.000000	1.004841	2.014825
35	.431800	.308806	1.003410	1.000000	1.005517	2.016337
36	.444500	.309297	1.003893	1.000000	1.006306	2.018100
37	.457200	.309648	1.004238	1.000000	1.006869	2.019358
38	.469900	.309999	1.004582	1.000000	1.007432	2.020615
39	.482600	.310209	1.004789	1.000000	1.007770	2.021369
40	.495300	.310279	1.004857	1.000000	1.007883	2.021620
41	.508000	.310630	1.005201	1.000000	1.008446	2.022875
42	.533400	.311191	1.005749	1.000000	1.009348	2.024883
43	.558800	.312103	1.006637	1.000000	1.010812	2.028140

STATION X= 4.55 CM PTO= 25.057 N/SQ CM TTO=299.83K
R= 2.576 CM PWALL= 1.5764 N/SQ CM CF= .00226 PI =1.230
UE= 484.4 M/SEC RHOE=.00933 KG/CUB M RE= 11.826E6 /M
DELTA= .220 CM DELTA*= .0622 CM THETA= .0194 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.062915	.000000	1.000000	.610166	.000000
2	.012700	.093737	.525537	1.000000	.683788	.776721
3	.025400	.112817	.627859	1.000000	.720959	.952836
4	.038100	.125864	.680456	1.000000	.744559	1.049423
5	.050800	.138701	.718966	1.000000	.764149	1.123308
6	.063500	.153502	.761046	1.000000	.788112	1.207552
7	.076200	.167812	.796642	1.000000	.810748	1.282058
8	.088900	.182402	.829291	1.000000	.833672	1.353337
9	.101600	.195450	.855589	1.000000	.853822	1.413025
10	.114300	.208146	.879538	1.000000	.873625	1.469326
11	.127000	.219159	.898651	1.000000	.890519	1.515702
12	.139700	.231084	.918072	1.000000	.908761	1.564238
13	.152400	.241676	.934324	1.000000	.924929	1.606028
14	.165100	.251847	.949131	1.000000	.940427	1.645092
15	.177800	.262650	.964350	1.000000	.957175	1.686288
16	.190500	.273032	.978014	1.000000	.972967	1.724231
17	.203200	.280537	.987498	1.000000	.984373	1.751125
18	.215900	.288885	.997681	1.000000	.997049	1.780536
19	.228600	.294567	1.004404	1.000000	1.005671	1.800269
20	.241300	.300669	1.011445	1.000000	1.014928	1.821215
21	.254000	.302704	1.013753	1.000000	1.018013	1.828142
22	.266700	.296601	1.006771	1.000000	1.008757	1.807279
23	.279400	.285798	.993959	1.000000	.992363	1.769721
24	.292100	.277381	.983548	1.000000	.979577	1.739868
25	.304800	.272751	.977654	1.000000	.972540	1.723217
26	.317500	.273452	.978555	1.000000	.973607	1.725751
27	.330200	.276890	.982929	1.000000	.978831	1.738110
28	.342900	.280046	.986887	1.000000	.983627	1.749379
29	.355600	.284886	.992850	1.000000	.990978	1.766513
30	.368300	.288815	.997597	1.000000	.996942	1.780291
31	.381000	.292111	1.001519	1.000000	1.001946	1.791770
32	.393700	.295198	1.005140	1.000000	1.006629	1.802448
33	.406400	.299056	1.009601	1.000000	1.012481	1.815702
34	.419100	.301581	1.012482	1.000000	1.016311	1.824324
35	.431800	.304457	1.015726	1.000000	1.020672	1.834091
36	.444500	.305860	1.017295	1.000000	1.022799	1.838836
37	.457200	.307473	1.019087	1.000000	1.025244	1.844278
38	.469900	.309788	1.021639	1.000000	1.028753	1.852056
39	.482600	.310349	1.022254	1.000000	1.029603	1.853936
40	.495300	.310770	1.022714	1.000000	1.030241	1.855345
41	.508000	.311261	1.023250	1.000000	1.030985	1.856988
42	.533400	.312454	1.024547	1.000000	1.032792	1.860970
43	.558800	.313646	1.025838	1.000000	1.034599	1.864944

STATION X= 4.80 CM PTO= 25.057 N/SQ CM TTO=299.83K
R= 2.576 CM PWALL= 1.7037 N/SQ CM CF= .00215 PI =1.424
UE= 472.2 M/SEC RHOE=.00977 KG/CUB M RE= 11.745E6 /M
DELTA= .214 CM DELTA*= .0625 CM THETA= .0200 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.067993	.000000	1.000000	.629639	.000000
2	.012700	.096192	.504792	1.000000	.695253	.721831
3	.025400	.113238	.605126	1.000000	.728427	.885707
4	.038100	.126496	.662458	1.000000	.751838	.985081
5	.050800	.138350	.702187	1.000000	.770307	1.056905
6	.063500	.152730	.745838	1.000000	.793018	1.139036
7	.076200	.166269	.781729	1.000000	.813832	1.209414
8	.088900	.181350	.817306	1.000000	.836616	1.282033
9	.101600	.195520	.847596	1.000000	.857906	1.346357
10	.114300	.208427	.872621	1.000000	.876956	1.401412
11	.127000	.221684	.896771	1.000000	.896722	1.456338
12	.139700	.233820	.917102	1.000000	.914511	1.504055
13	.152400	.244412	.933826	1.000000	.929996	1.544394
14	.165100	.255495	.950405	1.000000	.946165	1.585417
15	.177800	.266438	.965934	1.000000	.962100	1.624834
16	.190500	.276890	.980054	1.000000	.977296	1.661554
17	.203200	.285307	.991241	1.000000	.989845	1.691275
18	.215900	.293093	1.000980	1.000000	1.001154	1.717620
19	.228600	.299687	1.008979	1.000000	1.010725	1.739603
20	.241300	.306421	1.016926	1.000000	1.020493	1.761757
21	.254000	.310490	1.021623	1.000000	1.026391	1.775001
22	.266700	.313857	1.025452	1.000000	1.031272	1.785884
23	.279400	.317154	1.029152	1.000000	1.036049	1.796474
24	.292100	.319048	1.031255	1.000000	1.038793	1.802528
25	.304800	.319469	1.031721	1.000000	1.039402	1.803871
26	.317500	.320240	1.032572	1.000000	1.040520	1.806330
27	.330200	.320731	1.033112	1.000000	1.041231	1.807892
28	.342900	.321292	1.033728	1.000000	1.042044	1.809677
29	.355600	.321152	1.033574	1.000000	1.041841	1.809231
30	.368300	.321292	1.033728	1.000000	1.042044	1.809677
31	.381000	.317785	1.029855	1.000000	1.036964	1.798495
32	.393700	.308175	1.018960	1.000000	1.023035	1.767478
33	.406400	.296881	1.005602	1.000000	1.006653	1.730285
34	.419100	.287903	.994523	1.000000	.993616	1.700105
35	.431800	.284676	.990437	1.000000	.988928	1.689120
36	.444500	.285237	.991152	1.000000	.989743	1.691036
37	.457200	.287622	.994170	1.000000	.993208	1.699152
38	.469900	.289937	.997070	1.000000	.996571	1.706991
39	.482600	.293164	1.001066	1.000000	1.001256	1.717856
40	.495300	.295759	1.004240	1.000000	1.005024	1.726542
41	.508000	.298354	1.007380	1.000000	1.008791	1.735183
42	.533400	.303615	1.013642	1.000000	1.016423	1.752562
43	.558800	.307263	1.017904	1.000000	1.021713	1.764505

STATION X= 5.05 CM PTO= 25.057 N/SQ CM TTO=299.83K
R= 2.576 CM PWALL= 1.8021 N/SQ CM CF= .00204 PI =1.540
UE= 469.1 M/SEC RHOE=.01025 KG/CUB M RE= 12.168E6 /M
DELTA= .226 CM DELTA*= .0667 CM THETA= .0214 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.071921	.000000	1.000000	.634452	.000000
2	.012700	.099840	.494695	1.000000	.696785	.700882
3	.025400	.115974	.590830	1.000000	.727254	.855192
4	.038100	.127267	.641569	1.000000	.746821	.941043
5	.050800	.138701	.686458	1.000000	.766483	1.020054
6	.063500	.151748	.722980	1.000000	.784312	1.086748
7	.076200	.165567	.761400	1.000000	.805060	1.159538
8	.088900	.180508	.797932	1.000000	.826909	1.231552
9	.101600	.195450	.830202	1.000000	.848139	1.297702
10	.114300	.208567	.856502	1.000000	.866932	1.353564
11	.127000	.221263	.879755	1.000000	.884775	1.404546
12	.139700	.234802	.903166	1.000000	.904010	1.457512
13	.152400	.245464	.920230	1.000000	.918902	1.497231
14	.165100	.259213	.940947	1.000000	.938052	1.546809
15	.177800	.268262	.953866	1.000000	.950629	1.578522
16	.190500	.279485	.969169	1.000000	.966203	1.616931
17	.203200	.289235	.981865	1.000000	.979712	1.649526
18	.215900	.298284	.993472	1.000000	.992558	1.679930
19	.228600	.305299	1.001961	1.000000	1.002267	1.702553
20	.241300	.312173	1.010050	1.000000	1.011776	1.724420
21	.254000	.316943	1.015534	1.000000	1.018371	1.739424
22	.266700	.320100	1.019107	1.000000	1.022733	1.749279
23	.279400	.322064	1.021308	1.000000	1.025447	1.755381
24	.292100	.324168	1.023648	1.000000	1.028354	1.761895
25	.304800	.325431	1.025043	1.000000	1.030099	1.765791
26	.317500	.326623	1.026354	1.000000	1.031746	1.769463
27	.330200	.327044	1.026816	1.000000	1.032327	1.770757
28	.342900	.327185	1.026969	1.000000	1.032521	1.771188
29	.355600	.327395	1.027199	1.000000	1.032811	1.771834
30	.368300	.327395	1.027199	1.000000	1.032811	1.771834
31	.381000	.327465	1.027276	1.000000	1.032908	1.772050
32	.393700	.327535	1.027353	1.000000	1.033005	1.772265
33	.406400	.327606	1.027430	1.000000	1.033102	1.772481
34	.419100	.327676	1.027506	1.000000	1.033199	1.772696
35	.431800	.327816	1.027659	1.000000	1.033392	1.773126
36	.444500	.327956	1.027813	1.000000	1.033586	1.773557
37	.457200	.328097	1.027966	1.000000	1.033780	1.773987
38	.469900	.328097	1.027966	1.000000	1.033780	1.773987
39	.482600	.327676	1.027506	1.000000	1.033199	1.772696
40	.495300	.325782	1.025429	1.000000	1.030583	1.766872
41	.508000	.321082	1.020210	1.000000	1.024090	1.752333
42	.533400	.301020	.996812	1.000000	.996345	1.688791
43	.558800	.293023	.986657	1.000000	.984956	1.662005

STATION X= 5.31 CM PTO= 25.057 N/SQ CM TTO=299.83K
R= 2.576 CM PWALL= 1.8916 N/SQ CM CF= .00197 PI [illegible]=1.618
UE= 466.4 M/SEC RHOE=.01069 KG/CUB M RE= 12.545E6 /M
DELTA= .238 CM DELTA*= .0707 CM THETA= .0229 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.075493	.000000	1.000000	.638627	.000000
2	.012700	.103978	.491821	1.000000	.699797	.692042
3	.025400	.118920	.580455	1.000000	.727164	.832576
4	.038100	.130073	.631178	1.000000	.746030	.917000
5	.050800	.140595	.671158	1.000000	.762796	.985980
6	.063500	.152099	.707329	1.000000	.779574	1.050484
7	.076200	.163884	.740266	1.000000	.796323	1.111147
8	.088900	.178755	.777977	1.000000	.817411	1.183113
9	.101600	.191241	.806351	1.000000	.834769	1.239215
10	.114300	.206112	.837234	1.000000	.855275	1.302385
11	.127000	.220562	.864399	1.000000	.874847	1.359939
12	.139700	.234170	.888051	1.000000	.893174	1.411710
13	.152400	.246867	.909003	1.000000	.910500	1.458963
14	.165100	.259353	.928054	1.000000	.927219	1.503154
15	.177800	.271909	.946118	1.000000	.943987	1.546207
16	.190500	.281940	.959835	1.000000	.957356	1.579693
17	.203200	.290849	.971526	1.000000	.969212	1.608805
18	.215900	.300950	.984264	1.000000	.982638	1.641148
19	.228600	.308245	.993142	1.000000	.992324	1.664092
20	.241300	.315260	1.001725	1.000000	1.001957	1.686601
21	.254000	.319819	1.006996	1.000000	1.008009	1.700589
22	.266700	.324800	1.012649	1.000000	1.014617	1.715732
23	.279400	.327044	1.015162	1.000000	1.017594	1.722511
24	.292100	.329289	1.017654	1.000000	1.020570	1.729262
25	.304800	.331393	1.019970	1.000000	1.023360	1.735566
26	.317500	.331955	1.020585	1.000000	1.024104	1.737243
27	.330200	.333147	1.021887	1.000000	1.025684	1.740801
28	.342900	.333849	1.022650	1.000000	1.026614	1.742891
29	.355600	.334199	1.023031	1.000000	1.027079	1.743934
30	.368300	.334129	1.022955	1.000000	1.026986	1.743726
31	.381000	.334129	1.022955	1.000000	1.026986	1.743726
32	.393700	.334199	1.023031	1.000000	1.027079	1.743934
33	.406400	.334410	1.023259	1.000000	1.027358	1.744560
34	.419100	.334480	1.023336	1.000000	1.027451	1.744769
35	.431800	.334760	1.023640	1.000000	1.027823	1.745603
36	.444500	.334901	1.023791	1.000000	1.028009	1.746020
37	.457200	.334901	1.023791	1.000000	1.028009	1.746020
38	.469900	.334760	1.023640	1.000000	1.027823	1.745603
39	.482600	.334620	1.023488	1.000000	1.027637	1.745186
40	.495300	.334480	1.023336	1.000000	1.027451	1.744769
41	.508000	.334340	1.023183	1.000000	1.027265	1.744352
42	.533400	.333287	1.022040	1.000000	1.025870	1.741219
43	.558800	.333007	1.021734	1.000000	1.025498	1.740383

ID NO. 12210-012

STATION Y= 5.82 CM PTO= 25.057 N/SQ CM TTO=299.83K
R= 2.576 CM PWALL= 2.0850 N/SQ CM CF= .00185 PI =1.763
UE= 456.7 M/SEC RHOE=.01152 KG/CUB M RE= 12.969E6 /M
DELTA= .253 CM DELTA*= .0755 CM THETA= .0251 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.083212	.000000	1.000000	.653557	.000000
2	.012700	.111554	.481552	1.000000	.710649	.660892
3	.025400	.125724	.566617	1.000000	.735348	.791033
4	.038100	.134562	.608582	1.000000	.749761	.857906
5	.050800	.143611	.645544	1.000000	.763833	.918510
6	.063500	.153853	.681806	1.000000	.779016	.979700
7	.076200	.165076	.718514	1.000000	.795910	1.043581
8	.088900	.177352	.747341	1.000000	.810357	1.095257
9	.101600	.189698	.777915	1.000000	.826922	1.151658
10	.114300	.204007	.809346	1.000000	.845410	1.211509
11	.127000	.218107	.837804	1.000000	.863550	1.267492
12	.139700	.233890	.867045	1.000000	.883716	1.326957
13	.152400	.246095	.887772	1.000000	.899034	1.370404
14	.165100	.261948	.912886	1.000000	.918836	1.424605
15	.177800	.273032	.929724	1.000000	.932934	1.461971
16	.190500	.285728	.947643	1.000000	.948717	1.502700
17	.203200	.296741	.962418	1.000000	.962376	1.537076
18	.215900	.306702	.975218	1.000000	.974709	1.567466
19	.228600	.314839	.985304	1.000000	.984769	1.591829
20	.241300	.321783	.993663	1.000000	.993347	1.612310
21	.254000	.327816	1.000747	1.000000	1.000793	1.629879
22	.266700	.333077	1.006796	1.000000	1.007282	1.645038
23	.279400	.336654	1.010842	1.000000	1.011692	1.655262
24	.292100	.338759	1.013198	1.000000	1.014286	1.661244
25	.304800	.340653	1.015303	1.000000	1.016620	1.666610
26	.317500	.341565	1.016311	1.000000	1.017743	1.669186
27	.330200	.342196	1.017007	1.000000	1.018521	1.670968
28	.342900	.343038	1.017933	1.000000	1.019558	1.673340
29	.355600	.343809	1.018779	1.000000	1.020508	1.675511
30	.368300	.343880	1.018856	1.000000	1.020595	1.675708
31	.381000	.343950	1.018933	1.000000	1.020681	1.675906
32	.393700	.344020	1.019010	1.000000	1.020768	1.676103
33	.406400	.344160	1.019163	1.000000	1.020940	1.676497
34	.419100	.344300	1.019609	1.000000	1.021443	1.677644
35	.431800	.344160	1.019163	1.000000	1.020940	1.676497
36	.444500	.344300	1.019609	1.000000	1.021443	1.677644
37	.457200	.343950	1.018933	1.000000	1.020681	1.675906
38	.469900	.344020	1.019010	1.000000	1.020768	1.676103
39	.482600	.343459	1.018395	1.000000	1.020076	1.674525
40	.495300	.343459	1.018395	1.000000	1.020076	1.674525
41	.508000	.343108	1.018010	1.000000	1.019644	1.673537
42	.533400	.343108	1.018010	1.000000	1.019644	1.673537
43	.558800	.343108	1.018010	1.000000	1.019644	1.673537

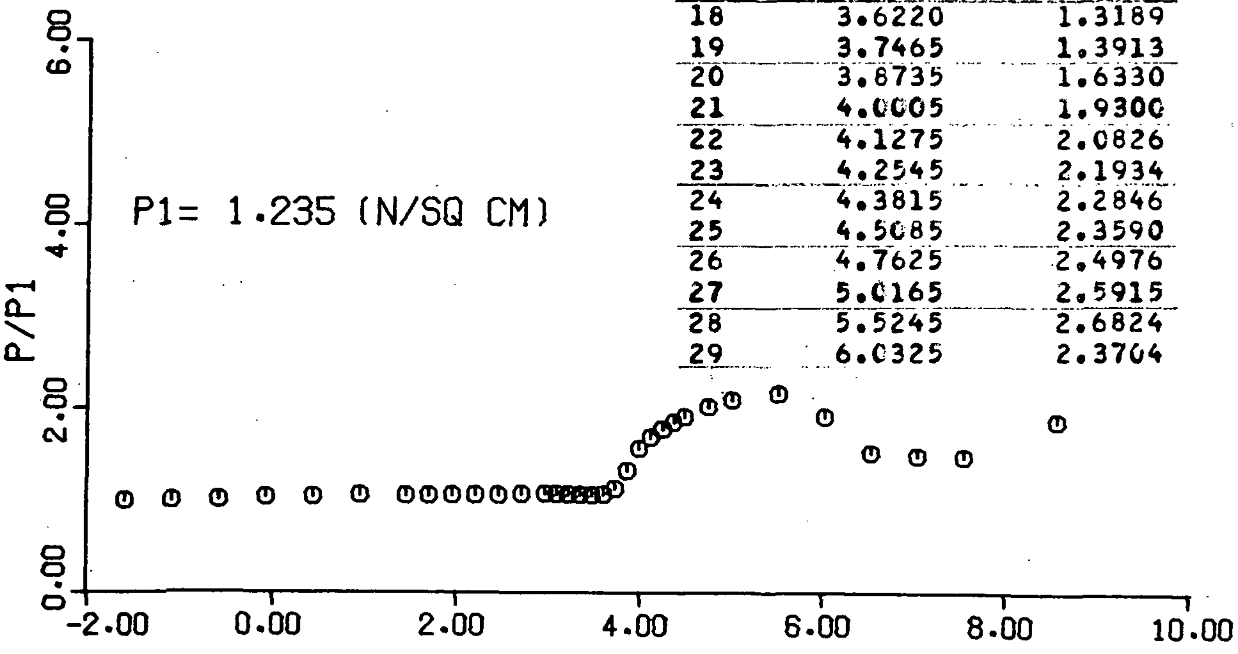
STATION X= 6.32 CM PTO= 25.057 N/SQ CM TTO=299.83K
R= 2.576 CM PWALL= 2.2023 N/SQ CM CF= .00184 PI =1.763
UE= 452.5 M/SEC RHOE=.01205 KG/CUB M RE= 13.330E6 /M
DELTA= .270 CM DELTA*= .0790 CM THETA= .0268 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.087893	.000000	1.000000	.659911	.000000
2	.012700	.117727	.485340	1.000000	.717380	.659872
3	.025400	.132037	.568128	1.000000	.741282	.785193
4	.038100	.140876	.608919	1.000000	.755132	.849396
5	.050800	.149433	.643209	1.000000	.767964	.904819
6	.063500	.158552	.675366	1.000000	.781072	.958128
7	.076200	.168163	.707802	1.000000	.795437	1.013337
8	.088900	.178474	.731728	1.000000	.806828	1.055064
9	.101600	.189838	.760453	1.000000	.821469	1.106386
10	.114300	.203236	.791304	1.000000	.838462	1.163118
11	.127000	.217405	.820657	1.000000	.855962	1.218786
12	.139700	.230312	.845479	1.000000	.871869	1.267264
13	.152400	.244903	.871498	1.000000	.889728	1.319574
14	.165100	.260195	.896429	1.000000	.908081	1.371251
15	.177800	.273663	.916942	1.000000	.924169	1.415000
16	.190500	.285307	.934067	1.000000	.938335	1.452431
17	.203200	.296881	.949936	1.000000	.952100	1.487902
18	.215900	.306912	.963092	1.000000	.964004	1.517910
19	.228600	.318136	.977205	1.000000	.977300	1.550739
20	.241300	.324940	.985470	1.000000	.985350	1.570281
21	.254000	.330622	.992211	1.000000	.992066	1.586401
22	.266700	.336023	.998489	1.000000	.998446	1.601565
23	.279400	.340442	1.003535	1.000000	1.003663	1.613658
24	.292100	.342757	1.006146	1.000000	1.006395	1.620257
25	.304800	.345142	1.008814	1.000000	1.009208	1.626822
26	.317500	.347387	1.011304	1.000000	1.011856	1.632976
27	.330200	.348018	1.012001	1.000000	1.012600	1.634702
28	.342900	.348649	1.012696	1.000000	1.013345	1.636427
29	.355600	.349211	1.013313	1.000000	1.014006	1.637958
30	.368300	.350473	1.014696	1.000000	1.015495	1.641397
31	.381000	.350614	1.014849	1.000000	1.015660	1.641779
32	.393700	.350684	1.014926	1.000000	1.015743	1.641970
33	.406400	.351034	1.015309	1.000000	1.016157	1.642923
34	.419100	.350964	1.015232	1.000000	1.016074	1.642733
35	.431800	.351034	1.015309	1.000000	1.016157	1.642923
36	.444500	.351034	1.015309	1.000000	1.016157	1.642923
37	.457200	.351105	1.015385	1.000000	1.016239	1.643114
38	.469900	.351245	1.015538	1.000000	1.016405	1.643495
39	.482600	.351245	1.015538	1.000000	1.016405	1.643495
40	.495300	.351245	1.015538	1.000000	1.016405	1.643495
41	.508000	.351245	1.015538	1.000000	1.016405	1.643495
42	.533400	.351245	1.015538	1.000000	1.016405	1.643495
43	.558800	.351245	1.015538	1.000000	1.016405	1.643495

ID NO. 12213-001

PTO= 10.1259 N/SQ CM
TTO= 303.7222 K
PBAR= 763.5000 MMHG
TMAN= 299.5556 K

I	X(CM)	P(N/SQ CM)
1	-1.5850	1.2345
2	-1.0770	1.2342
3	-.5690	1.2421
4	-.0610	1.2863
5	.4470	1.2870
6	.9550	1.3083
7	1.4630	1.3024
8	1.7170	1.3059
9	1.9710	1.3090
10	2.2250	1.3086
11	2.4790	1.3107
12	2.7330	1.3254
13	2.9870	1.3292
14	3.1140	1.3223
15	3.2410	1.3179
16	3.3680	1.3141
17	3.4950	1.3076
18	3.6220	1.3189
19	3.7465	1.3913
20	3.8735	1.6330
21	4.0005	1.9300
22	4.1275	2.0826
23	4.2545	2.1934
24	4.3815	2.2846
25	4.5085	2.3590
26	4.7625	2.4976
27	5.0165	2.5915
28	5.5245	2.6824
29	6.0325	2.3704



ID NO. 12213 -001

STATION X= 2.74 CM PTO= 10.126 N/SQ CM TTO=305.78K
R= 2.576 CM PWALL= 1.3254 N/SQ CM CF= .00253 PI = .740
UE= 515.7 M/SEC RHOE=.00828 KG/CUB M RE= 11.719E6 /M
DELTA= .279 CM DELTA*= .0681 CM THETA= .0203 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.130893	.000000	1.000000	.566794	.000000
2	.012700	.224451	.574131	1.000000	.661213	.912642
3	.025400	.289022	.682634	1.000000	.710152	1.124560
4	.038100	.323565	.726890	1.000000	.735040	1.218270
5	.050800	.353073	.759871	1.000000	.755861	1.291458
6	.063500	.379457	.786658	1.000000	.774395	1.353276
7	.076200	.403931	.809244	1.000000	.791276	1.407222
8	.088900	.429274	.831254	1.000000	.808941	1.461542
9	.101600	.453922	.850916	1.000000	.825829	1.511650
10	.114300	.479264	.869822	1.000000	.843142	1.561349
11	.127000	.503045	.886486	1.000000	.859349	1.606483
12	.139700	.525610	.901431	1.000000	.874700	1.648092
13	.152400	.549737	.916825	1.000000	.891380	1.692144
14	.165100	.571088	.929548	1.000000	.905878	1.729521
15	.177800	.593826	.942464	1.000000	.921302	1.768419
16	.190500	.617607	.955327	1.000000	.937416	1.808164
17	.203200	.631493	.962555	1.000000	.946819	1.830958
18	.215900	.651454	.972600	1.000000	.960328	1.863216
19	.228600	.669507	.981353	1.000000	.972537	1.891898
20	.241300	.682351	.987400	1.000000	.981221	1.912036
21	.254000	.694155	.992830	1.000000	.989198	1.930350
22	.266700	.703354	.996981	1.000000	.995413	1.944500
23	.279400	.710124	.999991	1.000000	.999986	1.954846
24	.292100	.713595	1.001520	1.000000	1.002331	1.960129
25	.304800	.719150	1.003947	1.000000	1.006082	1.968552
26	.317500	.722622	1.005452	1.000000	1.008427	1.973798
27	.330200	.724357	1.006200	1.000000	1.009599	1.976416
28	.342900	.725399	1.006649	1.000000	1.010302	1.977984
29	.355600	.726961	1.007319	1.000000	1.011357	1.980335
30	.368300	.727482	1.007542	1.000000	1.011708	1.981118
31	.381000	.728350	1.007914	1.000000	1.012294	1.982422
32	.393700	.728350	1.007914	1.000000	1.012294	1.982422
33	.406400	.728350	1.007914	1.000000	1.012294	1.982422
34	.419100	.728350	1.007914	1.000000	1.012294	1.982422
35	.431800	.728350	1.007914	1.000000	1.012294	1.982422
36	.444500	.728350	1.007914	1.000000	1.012294	1.982422
37	.457200	.728350	1.007914	1.000000	1.012294	1.982422
38	.469900	.728350	1.007914	1.000000	1.012294	1.982422
39	.482600	.728350	1.007914	1.000000	1.012294	1.982422
40	.495300	.728350	1.007914	1.000000	1.012294	1.982422
41	.508000	.728350	1.007914	1.000000	1.012294	1.982422
42	.533400	.728350	1.007914	1.000000	1.012294	1.982422
43	.558800	.728523	1.007988	1.000000	1.012412	1.982683

STATION X= 3.00 CM PTO= 10.126 N/SQ CM TTO=305.78K
R= 2.576 CM PWALL= 1.3292 N/SQ CM CF= .00252 PI = .725
UE= 516.0 M/SEC RHOE=.00831 KG/CUB M RE= 11.783E6 /M
DELTA= .291 CM DELTA*= .0701 CM THETA= .0209 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.131266	.000000	1.000000	.566220	.000000
2	.012700	.224451	.572350	1.000000	.660007	.910045
3	.025400	.291279	.684467	1.000000	.710639	1.129286
4	.038100	.324606	.726549	1.000000	.734379	1.218575
5	.050800	.352552	.757772	1.000000	.754040	1.287842
6	.063500	.378068	.783768	1.000000	.771909	1.347715
7	.076200	.403931	.807688	1.000000	.789686	1.404747
8	.088900	.427365	.828117	1.000000	.805980	1.455059
9	.101600	.450450	.846669	1.000000	.821745	1.502136
10	.114300	.473363	.863971	1.000000	.837348	1.547317
11	.127000	.496970	.880762	1.000000	.853386	1.592423
12	.139700	.520229	.896380	1.000000	.869157	1.635566
13	.152400	.542100	.910303	1.000000	.883962	1.675057
14	.165100	.565359	.924633	1.000000	.899988	1.716781
15	.177800	.586710	.936929	1.000000	.914420	1.753504
16	.190500	.606150	.947650	1.000000	.927549	1.786256
17	.203200	.627848	.959119	1.000000	.942190	1.822085
18	.215900	.646941	.968806	1.000000	.955064	1.853019
19	.228600	.662563	.976466	1.000000	.965591	1.877936
20	.241300	.676797	.983248	1.000000	.975179	1.900343
21	.254000	.688600	.988735	1.000000	.983127	1.918720
22	.266700	.699536	.993712	1.000000	.990488	1.935585
23	.279400	.707347	.997207	1.000000	.995745	1.947539
24	.292100	.714116	1.000195	1.000000	1.000300	1.957839
25	.304800	.718109	1.001941	1.000000	1.002986	1.963887
26	.317500	.723316	1.004199	1.000000	1.006489	1.971747
27	.330200	.724704	1.004797	1.000000	1.007423	1.973838
28	.342900	.726267	1.005469	1.000000	1.008474	1.976187
29	.355600	.726961	1.005767	1.000000	1.008941	1.977230
30	.368300	.728870	1.006584	1.000000	1.010225	1.980096
31	.381000	.729565	1.006881	1.000000	1.010692	1.981137
32	.393700	.729912	1.007029	1.000000	1.010925	1.981657
33	.406400	.730433	1.007251	1.000000	1.011276	1.982437
34	.419100	.729912	1.007029	1.000000	1.010925	1.981657
35	.431800	.729912	1.007029	1.000000	1.010925	1.981657
36	.444500	.729912	1.007029	1.000000	1.010925	1.981657
37	.457200	.729912	1.007029	1.000000	1.010925	1.981657
38	.469900	.729912	1.007029	1.000000	1.010925	1.981657
39	.482600	.729912	1.007029	1.000000	1.010925	1.981657
40	.495300	.729912	1.007029	1.000000	1.010925	1.981657
41	.508000	.729912	1.007029	1.000000	1.010925	1.981657
42	.533400	.729912	1.007029	1.000000	1.010925	1.981657
43	.558800	.728870	1.006584	1.000000	1.010225	1.980096

STATION X= 3.25 CM PTO= 10.126 N/SQ CM TTO=305.78K
R= 2.576 CM PWALL= 1.3179 N/SQ CM CF= .00251 PI = .705
UE= 517.9 M/SEC RHOE=.00829 KG/CUB M RE= 11.851E6 /M
DELTA= .304 CM DELTA*= .0723 CM THETA= .0215 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.130148	.000000	1.000000	.563032	.000000
2	.012700	.224798	.575195	1.000000	.658186	.919248
3	.025400	.289543	.682952	1.000000	.707160	1.131339
4	.038100	.324085	.726500	1.000000	.731811	1.224273
5	.050800	.349601	.755056	1.000000	.749829	1.287964
6	.063500	.376506	.782503	1.000000	.768708	1.351482
7	.076200	.400807	.805017	1.000000	.785456	1.405431
8	.088900	.424067	.825374	1.000000	.801676	1.455772
9	.101600	.447673	.844401	1.000000	.817842	1.504272
10	.114300	.471627	.862498	1.000000	.834198	1.551801
11	.127000	.490026	.875655	1.000000	.846734	1.587267
12	.139700	.512592	.890991	1.000000	.862083	1.629637
13	.152400	.536198	.906172	1.000000	.878112	1.672743
14	.165100	.553903	.917290	1.000000	.890414	1.705086
15	.177800	.576121	.930322	1.000000	.905481	1.743880
16	.190500	.599034	.943123	1.000000	.921002	1.782961
17	.203200	.619516	.954057	1.000000	.934864	1.817155
18	.215900	.635485	.962272	1.000000	.945665	1.843358
19	.228600	.652843	.970909	1.000000	.957398	1.871407
20	.24130[illegible]	.669854	.979096	1.000000	.968890	1.898479
21	.254000	.682004	.984782	1.000000	.977096	1.91757[illegible]
22	.266700	.693287	.989948	1.000000	.984713	1.935132
23	.279400	.704569	.995007	1.000000	.992328	1.952526
24	.292100	.711165	.997916	1.000000	.996779	1.962622
25	.304800	.716373	1.000188	1.000000	1.000292	1.970555
26	.317500	.720191	1.001841	1.000000	1.002868	1.976351
27	.330200	.723316	1.003185	1.000000	1.004976	1.981081
28	.342900	.726440	1.004521	1.000000	1.007083	1.985799
29	.355600	.727829	1.005113	1.000000	1.008020	1.987892
30	.368300	.728697	1.005482	1.000000	1.008605	1.989199
31	.381000	.729218	1.005703	1.000000	1.008957	1.989983
32	.393700	.730433	1.006218	1.000000	1.009776	1.991810
33	.406400	.730780	1.006365	1.000000	1.010010	1.992332
34	.419100	.730433	1.006218	1.000000	1.009776	1.991810
35	.431800	.730606	1.006291	1.000000	1.009893	1.992071
36	.444500	.731127	1.006512	1.000000	1.010244	1.992854
37	.457200	.731474	1.006659	1.000000	1.010479	1.993376
38	.469900	.734425	1.007903	1.000000	1.012469	1.997804
39	.482600	.737896	1.009358	1.000000	1.014810	2.003000
40	.495300	.744319	1.012027	1.000000	1.019140	2.012577
41	.508000	.756643	1.017066	1.000000	1.027449	2.030826
42	.533400	.777993	1.025546	1.000000	1.041839	2.062047
43	.558800	.783895	1.027836	1.000000	1.045815	2.070593

STATION X= 3.51 CM PTO= 10.126 N/SQ CM TTO=305.78K
R= 2.576 CM PWALL= 1.3076 N/SQ CM CF= .00247 PI = .716
UE= 519.7 M/SEC RHOE=.00827 KG/CUB M RE= 11.920E6 /M
DELTA= .312 CM DELTA*= .0748 CM THETA= .0221 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.129132	.000000	1.000000	.560013	.000000
2	.012700	.220806	.568305	1.000000	.652774	.910058
3	.025400	.286245	.679222	1.000000	.702637	1.128452
4	.038100	.321134	.723513	1.000000	.727592	1.223198
5	.050800	.347518	.753144	1.000000	.746258	1.289522
6	.063500	.373034	.779299	1.000000	.764217	1.350263
7	.076200	.396988	.801632	1.000000	.780769	1.403920
8	.088900	.418686	.820799	1.000000	.795953	1.451399
9	.101600	.440209	.838372	1.000000	.810735	1.496175
10	.114300	.463295	.856094	1.000000	.826545	1.542627
11	.127000	.485687	.872285	1.000000	.841843	1.586281
12	.139700	.506690	.886663	1.000000	.856165	1.626087
13	.152400	.529082	.901210	1.000000	.871410	1.667414
14	.165100	.551300	.915174	1.000000	.886810	1.708147
15	.177800	.572476	.927615	1.000000	.901204	1.745362
16	.190500	.590875	.937967	1.000000	.913700	1.777034
17	.203200	.610143	.948385	1.000000	.926774	1.809580
18	.215900	.630104	.958751	1.000000	.940309	1.842668
19	.228600	.648156	.967773	1.000000	.952541	1.872069
20	.241300	.662911	.974914	1.000000	.962534	1.895748
21	.254000	.675235	.980725	1.000000	.970878	1.915295
22	.266700	.687559	.986402	1.000000	.979218	1.934639
23	.279400	.698321	.991253	1.000000	.986500	1.951368
24	.292100	.704569	.994026	1.000000	.990727	1.961015
25	.304800	.713769	.998051	1.000000	.996949	1.975128
26	.317500	.721927	1.001564	1.000000	1.002466	1.987558
27	.330200	.729912	1.004953	1.000000	1.007864	1.999646
28	.342900	.743798	1.010734	1.000000	1.017251	2.020493
29	.355600	.757684	1.016376	1.000000	1.026634	2.041121
30	.368300	.767058	1.020108	1.000000	1.032967	2.054924
31	.381000	.777125	1.024051	1.000000	1.039768	2.069646
32	.393700	.780076	1.025194	1.000000	1.041761	2.073941
33	.406400	.782506	1.026131	1.000000	1.043402	2.077470
34	.419100	.783721	1.026598	1.000000	1.044223	2.079233
35	.431800	.786151	1.027529	1.000000	1.045864	2.082754
36	.444500	.787540	1.028059	1.000000	1.046802	2.084763
37	.457200	.788929	1.028588	1.000000	1.047740	2.086770
38	.469900	.789449	1.028787	1.000000	1.048091	2.087522
39	.482600	.790144	1.029050	1.000000	1.048560	2.088525
40	.495300	.790664	1.029248	1.000000	1.048912	2.089276
41	.508000	.790664	1.029248	1.000000	1.048912	2.089276
42	.533400	.793442	1.030300	1.000000	1.050787	2.093280
43	.558800	.795525	1.031279	1.000000	1.052541	2.097017

ID NO. 12213-006

STATION X= 3.76 CM PTO= 10.126 N/SQ CM TTO=305.78K
R= 2.576 CM PWALL= 1.3913 N/SQ CM CF= .00227 PI = .848
UE= 522.8 M/SEC RHOE=.00888 KG/CUB M RE= 12.986E6 /M
DELTA= .335 CM DELTA*= .0836 CM THETA= .0245 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.137396	.000000	1.000000	.554788	.000000
2	.012700	.266284	.624237	1.000000	.671239	1.024455
3	.025400	.304297	.674893	1.000000	.695908	1.127757
4	.038100	.326689	.702477	1.000000	.710994	1.186506
5	.050800	.342658	.720312	1.000000	.721439	1.225534
6	.063500	.364356	.743333	1.000000	.735792	1.277219
7	.076200	.384143	.762926	1.000000	.748842	1.322458
8	.088900	.407056	.783758	1.000000	.763627	1.371916
9	.101600	.432919	.805611	1.000000	.780234	1.425420
10	.114300	.455484	.823733	1.000000	.794930	1.471146
11	.127000	.477876	.840380	1.000000	.809231	1.514317
12	.139700	.502177	.857405	1.000000	.824711	1.559702
13	.152400	.525784	.873008	1.000000	.839716	1.602467
14	.165100	.548522	.887248	1.000000	.854144	1.642538
15	.177800	.574906	.903148	1.000000	.871142	1.688527
16	.190500	.602505	.918590	1.000000	.888618	1.734538
17	.203200	.632534	.934423	1.000000	.907607	1.783188
18	.215900	.660133	.948167	1.000000	.925039	1.826710
19	.228600	.687038	.960885	1.000000	.942017	1.868123
20	.241300	.708041	.970381	1.000000	.955262	1.899803
21	.254000	.725052	.977813	1.000000	.965984	1.925066
22	.266700	.739459	.983935	1.000000	.975061	1.946197
23	.279400	.752130	.989193	1.000000	.983042	1.964590
24	.292100	.761677	.993080	1.000000	.989053	1.978331
25	.304800	.769661	.996283	1.000000	.994080	1.989748
26	.317500	.773654	.997868	1.000000	.996593	1.995432
27	.330200	.777646	.999443	1.000000	.999107	2.001099
28	.342900	.781118	1.000803	1.000000	1.001292	2.006013
29	.355600	.784068	1.001954	1.000000	1.003149	2.010181
30	.368300	.787713	1.003367	1.000000	1.005443	2.015317
31	.381000	.789970	1.004238	1.000000	1.006863	2.018490
32	.393700	.792227	1.005105	1.000000	1.008283	2.021657
33	.406400	.792921	1.005372	1.000000	1.008720	2.022631
34	.419100	.794330	1.006102	1.000000	1.009921	2.025306
35	.431800	.795525	1.006367	1.000000	1.010358	2.026278
36	.444500	.796740	1.006831	1.000000	1.011123	2.027977
37	.457200	.798128	1.007359	1.000000	1.011996	2.029918
38	.469900	.798649	1.007557	1.000000	1.012324	2.030645
39	.482600	.799343	1.007820	1.000000	1.012761	2.031614
40	.495300	.799690	1.007952	1.000000	1.012979	2.032099
41	.508000	.800905	1.008412	1.000000	1.013744	2.033793
42	.533400	.802294	1.008936	1.000000	1.014618	2.035728
43	.558800	.804377	1.009721	1.000000	1.015928	2.038627

STATION X= 4.01 CM PTO= 10.126 N/SQ CM TTO=305.78K
R= 2.576 CM PWALL= 1.9300 N/SQ CM CF= .00212 PI =1.494
UE= 456.1 M/SEC RHOE=.01033 KG/CUB M RE= 11.313E6 /M
DELTA= .233 CM DELTA*= .0658 CM THETA= .0223 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.190601	.000000	1.000000	.661186	.000000
2	.012700	.259341	.498596	1.000000	.721999	.678142
3	.025400	.296139	.590887	1.000000	.749896	.819047
4	.038100	.325821	.647462	1.000000	.770643	.909798
5	.050800	.351337	.687877	1.000000	.787425	.977055
6	.063500	.380498	.729712	1.000000	.806729	1.049105
7	.076200	.405146	.754569	1.000000	.819224	1.093211
8	.088900	.432051	.783727	1.000000	.834946	1.146298
9	.101600	.460692	.812316	1.000000	.851571	1.199883
10	.114300	.488985	.838130	1.000000	.867703	1.249685
11	.127000	.521097	.865231	1.000000	.885886	1.303540
12	.139700	.556160	.892191	1.000000	.905359	1.358852
13	.152400	.587230	.914391	1.000000	.922524	1.405803
14	.165100	.621772	.937806	1.000000	.941834	1.456814
15	.177800	.650760	.955993	1.000000	.957755	1.497565
16	.190500	.680616	.973723	1.000000	.974111	1.538307
17	.203200	.706305	.988236	1.000000	.988157	1.572452
18	.215900	.718976	.995160	1.000000	.995076	1.589003
19	.228600	.726614	.999262	1.000000	.999244	1.598890
20	.241300	.730259	1.001201	1.000000	1.001233	1.603586
21	.254000	.735987	1.004224	1.000000	1.004357	1.610936
22	.266700	.746923	1.009917	1.000000	1.010319	1.624869
23	.279400	.758726	1.015948	1.000000	1.016750	1.639767
24	.292100	.771397	1.022295	1.000000	1.023651	1.655601
25	.304800	.778861	1.025974	1.000000	1.027713	1.664854
26	.317500	.788755	1.031081	1.000000	1.033431	1.677789
27	.330200	.791532	1.032419	1.000000	1.034943	1.681194
28	.342900	.792747	1.033002	1.000000	1.035605	1.682681
29	.355600	.793789	1.033501	1.000000	1.036172	1.683955
30	.368300	.796045	1.034579	1.000000	1.037400	1.686711
31	.381000	.797260	1.035158	1.000000	1.038062	1.688193
32	.393700	.798302	1.035654	1.000000	1.038629	1.689462
33	.406400	.800038	1.036478	1.000000	1.039574	1.691576
34	.419100	.801426	1.037136	1.000000	1.040329	1.693264
35	.431800	.802121	1.037464	1.000000	1.040707	1.694108
36	.444500	.803336	1.038038	1.000000	1.041369	1.695583
37	.457200	.804551	1.038611	1.000000	1.042030	1.697057
38	.469900	.805071	1.038856	1.000000	1.042313	1.697688
39	.482600	.805766	1.039182	1.000000	1.042691	1.698530
40	.495300	.806113	1.039345	1.000000	1.042880	1.698950
41	.508000	.806286	1.039427	1.000000	1.042975	1.699161
42	.533400	.808196	1.040322	1.000000	1.044014	1.701471
43	.558800	.808890	1.040647	1.000000	1.044391	1.702310

STATION X= 4.27 CM PTO= 10.126 N/SQ CM TTO=305.78K
R= 2.576 CM PWALL= 2.1934 N/SQ CM CF= .00155 PI =2.376
UE= 456.4 M/SEC RHOE=.01175 KG/CUB M RE= 12.883E6 /M
DELTA= .258 CM DELTA*= .0846 CM THETA= .0274 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.216611	.000000	1.000000	.660718	.000000
2	.012700	.263680	.401274	1.000000	.698900	.537534
3	.025400	.290758	.487615	1.000000	.718696	.662380
4	.038100	.316448	.550027	1.000000	.736293	.756252
5	.050800	.339881	.596628	1.000000	.751476	.828741
6	.063500	.367133	.642221	1.000000	.768220	.901953
7	.076200	.393690	.680096	1.000000	.783703	.964723
8	.088900	.425629	.721936	1.000000	.802652	1.036381
9	.101600	.450798	.744293	1.000000	.813645	1.075768
10	.114300	.484993	.777841	1.000000	.831383	1.136445
11	.127000	.515542	.805121	1.000000	.846998	1.187298
12	.139700	.549911	.833104	1.000000	.864229	1.240998
13	.152400	.582544	.857380	1.000000	.880261	1.288951
14	.165100	.619342	.883214	1.000000	.898523	1.341490
15	.177800	.652496	.904597	1.000000	.914657	1.386250
16	.190500	.694849	.930413	1.000000	.935471	1.441942
17	.203200	.720539	.944960	1.000000	.947894	1.474180
18	.215900	.752477	.962191	1.000000	.963302	1.513211
19	.228600	.782680	.977685	1.000000	.977840	1.549137
20	.241300	.804551	.988457	1.000000	.988351	1.574601
21	.254000	.824686	.998063	1.000000	.998017	1.597659
22	.266700	.837357	1.003963	1.000000	1.004094	1.611988
23	.279400	.847251	1.008494	1.000000	1.008837	1.623084
24	.292100	.854368	1.011713	1.000000	1.012248	1.631015
25	.304800	.858186	1.013427	1.000000	1.014077	1.635253
26	.317500	.854888	1.011947	1.000000	1.012497	1.631593
27	.330200	.850722	1.010068	1.000000	1.010501	1.626957
28	.342900	.837357	1.003963	1.000000	1.004094	1.611988
29	.355600	.823471	.997492	1.000000	.997434	1.596277
30	.368300	.809584	.990886	1.000000	.990768	1.580399
31	.381000	.799690	.986094	1.000000	.986016	1.568981
32	.393700	.796392	.984481	1.000000	.984432	1.565155
33	.406400	.796219	.984396	1.000000	.984348	1.564953
34	.419100	.799170	.985840	1.000000	.985766	1.568377
35	.431800	.802641	.987531	1.000000	.987434	1.572396
36	.444500	.805939	.989129	1.000000	.989018	1.576203
37	.457200	.807501	.989883	1.000000	.989768	1.578003
38	.469900	.807328	.989799	1.000000	.989685	1.577803
39	.482600	.808716	.990468	1.000000	.990352	1.579401
40	.495300	.809584	.990886	1.000000	.990768	1.580399
41	.508000	.810279	.991219	1.000000	.991102	1.581197
42	.533400	.812362	.992218	1.000000	.992102	1.583589
43	.558800	.815312	.993627	1.000000	.993518	1.586970

ID NO. 12213-009

STATION X= 4.52 CM PTO= 10.126 N/SQ CM TTO=305.78K
R= 2.576 CM PWALL= 2.3590 N/SQ CM CF= .00137 PI =2.824
UE= 446.8 M/SEC RHOE=.01238 KG/CUB M RE= 13.049E6 /M
DELTA= .264 CM DELTA*= .0902 CM THETA= .0293 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.232969	.000000	1.000000	.674747	.000000
2	.012700	.277393	.386719	1.000000	.709246	.505615
3	.025400	.297875	.456602	1.000000	.723830	.603090
4	.038100	.316969	.508834	1.000000	.736793	.678070
5	.050800	.335368	.551308	1.000000	.748768	.740616
6	.063500	.358454	.596775	1.000000	.763146	.809357
7	.076200	.386921	.644089	1.000000	.779992	.883114
8	.088900	.412610	.680628	1.000000	.794451	.941822
9	.101600	.441945	.719434	1.000000	.811331	1.006041
10	.114300	.471453	.746504	1.000000	.824121	1.052091
11	.127000	.504086	.778388	1.000000	.840352	1.107777
12	.139700	.537760	.808379	1.000000	.856871	1.161712
13	.152400	.575253	.838406	1.000000	.874736	1.217358
14	.165100	.610490	.864562	1.000000	.891480	1.267294
15	.177800	.650239	.891868	1.000000	.910240	1.321005
16	.190500	.687559	.915361	1.000000	.927519	1.368609
17	.203200	.718629	.933757	1.000000	.941843	1.406853
18	.215900	.754560	.954222	1.000000	.958659	1.450464
19	.228600	.784242	.969975	1.000000	.972279	1.484847
20	.241300	.810626	.983381	1.000000	.984360	1.514693
21	.254000	.832844	.994265	1.000000	.994517	1.539338
22	.266700	.848292	1.001627	1.000000	1.001572	1.556226
23	.279400	.864262	1.009067	1.000000	1.008858	1.573477
24	.292100	.873461	1.013277	1.000000	1.013053	1.583324
25	.304800	.880925	1.016653	1.000000	1.016455	1.591265
26	.317500	.886133	1.018988	1.000000	1.018828	1.596780
27	.330200	.889951	1.020690	1.000000	1.020567	1.600812
28	.342900	.892555	1.021845	1.000000	1.021753	1.603554
29	.355600	.893076	1.022076	1.000000	1.021991	1.604102
30	.368300	.893770	1.022383	1.000000	1.022307	1.604832
31	.381000	.893770	1.022383	1.000000	1.022307	1.604832
32	.393700	.893770	1.022383	1.000000	1.022307	1.604832
33	.406400	.893770	1.022383	1.000000	1.022307	1.604832
34	.419100	.893249	1.022152	1.000000	1.022070	1.604285
35	.431800	.892555	1.021845	1.000000	1.021753	1.603554
36	.444500	.891513	1.021383	1.000000	1.021279	1.602458
37	.457200	.888910	1.020227	1.000000	1.020093	1.599713
38	.469900	.886306	1.019066	1.000000	1.018907	1.596964
39	.482600	.880578	1.016497	1.000000	1.016297	1.590897
40	.495300	.870337	1.011853	1.000000	1.011629	1.579987
41	.508000	.854368	1.004477	1.000000	1.004345	1.562813
42	.533400	.828504	.992168	1.000000	.992535	1.534558
43	.558800	.816528	.986308	1.000000	.987059	1.521281

STATION X= 4.78 CM PTO= 10.126 N/SQ CM TTO=305.78K
R= 2.576 CM PWALL= 2.4976 N/SQ CM CF= .00124 PI =3.142
UE= 442.7 M/SEC RHOE=.01299 KG/CUB M RE= 13.463E6 /M
DELTA= .278 CM DELTA*= .0972 CM THETA= .0314 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.246652	.000000	1.000000	.680780	.000000
2	.012700	.289543	.374517	1.000000	.712691	.484114
3	.025400	.308637	.440870	1.000000	.725814	.575108
4	.038100	.323565	.483480	1.000000	.735675	.634962
5	.050800	.339360	.522458	1.000000	.745762	.690841
6	.063500	.359842	.566080	1.000000	.758355	.754814
7	.076200	.381193	.605292	1.000000	.770947	.813774
8	.088900	.404626	.642752	1.000000	.784200	.871532
9	.101600	.432398	.681341	1.000000	.799216	.932659
10	.114300	.463642	.718950	1.000000	.815307	.993998
11	.127000	.494019	.752064	1.000000	.830778	1.049600
12	.139700	.527866	.780840	1.000000	.845303	1.099245
13	.152400	.562409	.810502	1.000000	.861420	1.151829
14	.165100	.600422	.840017	1.000000	.878710	1.205694
15	.177800	.639304	.867937	1.000000	.896321	1.258190
16	.190500	.679053	.894383	1.000000	.914229	1.309416
17	.203200	.712380	.914827	1.000000	.928959	1.350093
18	.215900	.750568	.936852	1.000000	.945760	1.395043
19	.228600	.787540	.957273	1.000000	.962266	1.437838
20	.241300	.811147	.969496	1.000000	.972601	1.463996
21	.254000	.838225	.982994	1.000000	.984433	1.493380
22	.266700	.858707	.992856	1.000000	.993368	1.515192
23	.279400	.875197	1.000590	1.000000	1.000554	1.532508
24	.292100	.885265	1.005225	1.000000	1.004937	1.542977
25	.304800	.894117	1.009249	1.000000	1.008790	1.552118
26	.317500	.898804	1.011359	1.000000	1.010829	1.556935
27	.330200	.904358	1.013843	1.000000	1.013245	1.562622
28	.342900	.906962	1.015000	1.000000	1.014377	1.565281
29	.355600	.908698	1.015770	1.000000	1.015131	1.567050
30	.368300	.909045	1.015924	1.000000	1.015282	1.567404
31	.381000	.908524	1.015693	1.000000	1.015056	1.566873
32	.393700	.908698	1.015770	1.000000	1.015131	1.567050
33	.406400	.908698	1.015770	1.000000	1.015131	1.567050
34	.419100	.909392	1.016077	1.000000	1.015433	1.567757
35	.431800	.908351	1.015616	1.000000	1.014981	1.566696
36	.444500	.908524	1.015693	1.000000	1.015056	1.566873
37	.457200	.909045	1.015924	1.000000	1.015282	1.567404
38	.469900	.909218	1.016001	1.000000	1.015358	1.567581
39	.482600	.908351	1.015616	1.000000	1.014981	1.566696
40	.495300	.908351	1.015616	1.000000	1.014981	1.566696
41	.508000	.908351	1.015616	1.000000	1.014981	1.566696
42	.533400	.906788	1.014923	1.000000	1.014301	1.565104
43	.558800	.905573	1.014383	1.000000	1.013773	1.563863

STATION X= 5.03 CM PTO= 10.126 N/SQ CM TTO=305.78K
R= 2.576 CM PWALL= 2.5915 N/SQ CM CF= .00128 PI =3.070
UE= 435.9 M/SEC RHOE=.01329 KG/CUB M RE= 13.406E6 /M
DELTA= .276 CM DELTA*= .0947 CM THETA= .0313 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.255931	.000000	1.000000	.690412	.000000
2	.012700	.302214	.387070	1.000000	.723993	.493151
3	.025400	.321655	.451890	1.000000	.737005	.580886
4	.038100	.336583	.493124	1.000000	.746620	.638012
5	.050800	.349775	.525168	1.000000	.754866	.683213
6	.063500	.369910	.568039	1.000000	.767034	.744919
7	.076200	.392822	.610054	1.000000	.780319	.806914
8	.088900	.416082	.647112	1.000000	.793250	.862993
9	.101600	.442292	.683664	1.000000	.807217	.919731
10	.114300	.470238	.717871	1.000000	.821472	.974239
11	.127000	.502524	.754982	1.000000	.838351	1.035077
12	.139700	.540711	.786671	1.000000	.854036	1.088564
13	.152400	.570567	.812330	1.000000	.867669	1.133006
14	.165100	.614309	.846666	1.000000	.887335	1.194205
15	.177800	.653711	.874852	1.000000	.904804	1.246048
16	.190500	.692419	.900173	1.000000	.921609	1.293964
17	.203200	.731821	.924632	1.000000	.938928	1.341553
18	.215900	.761677	.941821	1.000000	.951784	1.375815
19	.228600	.793094	.959039	1.000000	.965267	1.410857
20	.241300	.823818	.975464	1.000000	.978728	1.444990
21	.254000	.844647	.985943	1.000000	.987637	1.467146
22	.266700	.866865	.996780	1.000000	.997125	1.490381
23	.279400	.876933	1.001580	1.000000	1.001420	1.500779
24	.292100	.891687	1.008495	1.000000	1.007710	1.515878
25	.304800	.899324	1.012019	1.000000	1.010963	1.523630
26	.317500	.908351	1.016138	1.000000	1.014806	1.532736
27	.330200	.914252	1.018805	1.000000	1.017318	1.538659
28	.342900	.915641	1.019429	1.000000	1.017909	1.540049
29	.355600	.917377	1.020208	1.000000	1.018647	1.541784
30	.368300	.919286	1.021063	1.000000	1.019460	1.543691
31	.381000	.920501	1.021605	1.000000	1.019977	1.544903
32	.393700	.921716	1.022147	1.000000	1.020494	1.546114
33	.406400	.921716	1.022147	1.000000	1.020494	1.546114
34	.419100	.922237	1.022379	1.000000	1.020715	1.546632
35	.431800	.923105	1.022765	1.000000	1.021084	1.547497
36	.444500	.923452	1.022920	1.000000	1.021232	1.547842
37	.457200	.923105	1.022765	1.000000	1.021084	1.547497
38	.469900	.923625	1.022997	1.000000	1.021306	1.548015
39	.482600	.923452	1.022920	1.000000	1.021232	1.547842
40	.495300	.923452	1.022920	1.000000	1.021232	1.547842
41	.508000	.923452	1.022920	1.000000	1.021232	1.547842
42	.533400	.922410	1.022456	1.000000	1.020789	1.546805
43	.558800	.922063	1.022302	1.000000	1.020641	1.546460

ID NO. 12213-012

STATION X= 5.54 CM PTO= 10.126 N/SQ CM TTO=305.78K
R= 2.576 CM PWALL= 2.6824 N/SQ CM CF= .00140 PI =2.704
UE= 434.4 M/SEC RHOE=.01371 KG/CUB M RE= 13.749E6 /M
DELTA= .294 CM DELTA*= .0957 CM THETA= .0327 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.264906	.000000	1.000000	.692548	.000000
2	.012700	.322002	.420023	1.000000	.732267	.535495
3	.025400	.343526	.482457	1.000000	.745930	.620806
4	.038100	.358280	.518488	1.000000	.754946	.671190
5	.050800	.373729	.551907	1.000000	.764107	.718773
6	.063500	.388657	.580866	1.000000	.772706	.760732
7	.076200	.407750	.614067	1.000000	.783366	.809742
8	.088900	.428927	.646819	1.000000	.794781	.859123
9	.101600	.456179	.683973	1.000000	.808893	.916501
10	.114300	.482910	.716072	1.000000	.822161	.967351
11	.127000	.510682	.748338	1.000000	.836589	1.019771
12	.139700	.544009	.775424	1.000000	.849612	1.064873
13	.152400	.578725	.805447	1.000000	.865099	1.116140
14	.165100	.616739	.835343	1.000000	.881709	1.168627
15	.177800	.651628	.860631	1.000000	.896764	1.214239
16	.190500	.686864	.884550	1.000000	.911918	1.258487
17	.203200	.726267	.909510	1.000000	.928756	1.305890
18	.215900	.758379	.928350	1.000000	.942207	1.342559
19	.228600	.795177	.948766	1.000000	.957557	1.383215
20	.241300	.825901	.964945	1.000000	.970328	1.416153
21	.254000	.846730	.975874	1.000000	.979276	1.438781
22	.266700	.867212	.985957	1.000000	.987770	1.459938
23	.279400	.883702	.993866	1.000000	.994600	1.476728
24	.292100	.895159	.999256	1.000000	.999340	1.488270
25	.304800	.905226	1.003923	1.000000	1.003503	1.498333
26	.317500	.913558	1.007739	1.000000	1.006946	1.506606
27	.330200	.917724	1.009631	1.000000	1.008667	1.510723
28	.342900	.922931	1.011981	1.000000	1.010817	1.515853
29	.355600	.923973	1.012449	1.000000	1.011247	1.516877
30	.368300	.925708	1.013228	1.000000	1.011964	1.518581
31	.381000	.926923	1.013772	1.000000	1.012466	1.519773
32	.393700	.927965	1.014238	1.000000	1.012895	1.520794
33	.406400	.929006	1.014703	1.000000	1.013325	1.521814
34	.419100	.927097	1.013850	1.000000	1.012537	1.519944
35	.431800	.927444	1.014005	1.000000	1.012680	1.520284
36	.444500	.927444	1.014005	1.000000	1.012680	1.520284
37	.457200	.926576	1.013617	1.000000	1.012322	1.519433
38	.469900	.925882	1.013306	1.000000	1.012036	1.518752
39	.482600	.923278	1.012137	1.000000	1.010961	1.516195
40	.495300	.922410	1.011747	1.000000	1.010602	1.515341
41	.508000	.921716	1.011434	1.000000	1.010315	1.514658
42	.533400	.918939	1.010181	1.000000	1.009169	1.511922
43	.558800	.914947	1.008371	1.000000	1.007519	1.507979

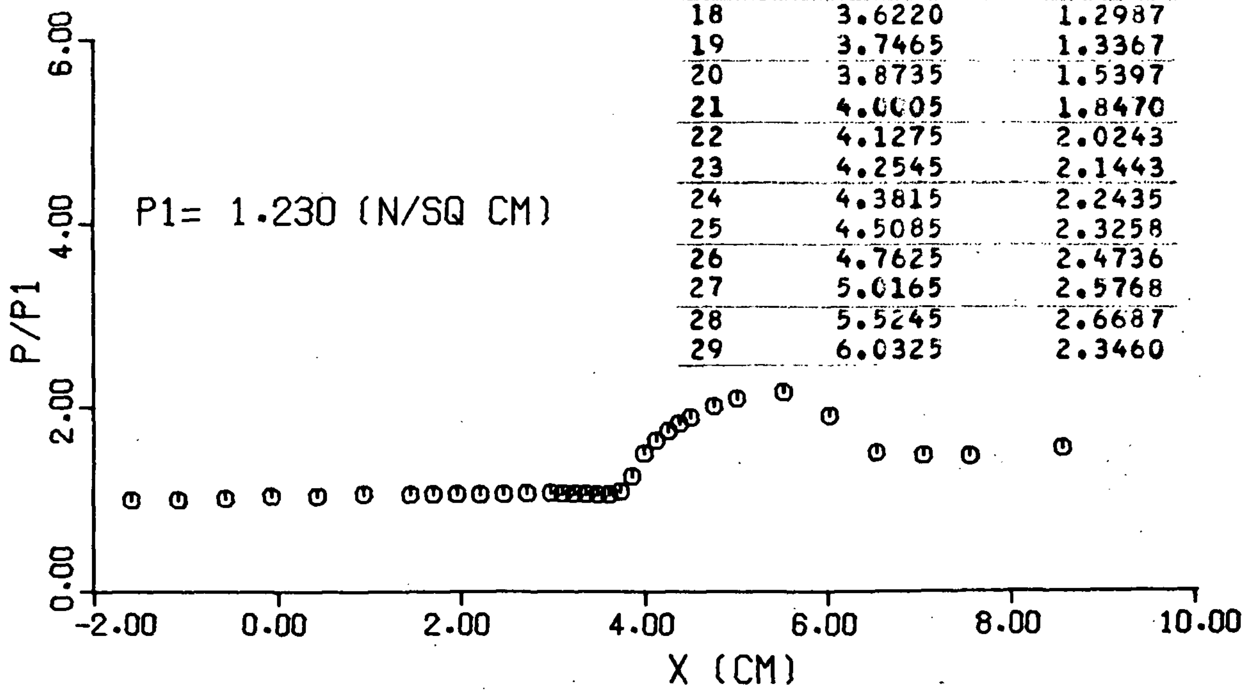
STATION X= 6.05 CM PTO= 10.126 N/SQ CM TTO=305.78K
R= 2.576 CM PWALL= 2.3703 N/SQ CM CF= .00198 PI =1.492
UE= 449.3 M/SEC RHOE=.01250 KG/CUB M RE= 13.315E6 /M
DELTA= .311 CM DELTA*= .0830 CM THETA= .0297 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.234087	.000000	1.000000	.671141	.000000
2	.012700	.333285	.540342	1.000000	.742427	.728750
3	.025400	.368174	.607503	1.000000	.763848	.831065
4	.038100	.383102	.631845	1.000000	.772572	.869286
5	.050800	.397335	.653160	1.000000	.780666	.903306
6	.063500	.413478	.675421	1.000000	.789600	.939423
7	.076200	.431183	.697834	1.000000	.799116	.976427
8	.088900	.452013	.724285	1.000000	.811062	1.020985
9	.101600	.476487	.745288	1.000000	.821135	1.057095
10	.114300	.502871	.770964	1.000000	.834201	1.102179
11	.127000	.526651	.792195	1.000000	.845674	1.140292
12	.139700	.559631	.819736	1.000000	.861523	1.190941
13	.152400	.589660	.842840	1.000000	.875723	1.234557
14	.165100	.622814	.866293	1.000000	.891049	1.279967
15	.177800	.659960	.891197	1.000000	.908409	1.329527
16	.190500	.691030	.910434	1.000000	.922642	1.368825
17	.203200	.722622	.928935	1.000000	.937059	1.407510
18	.215900	.746228	.942486	1.000000	.948099	1.436430
19	.228600	.773827	.957288	1.000000	.960648	1.468614
20	.241300	.791359	.966361	1.000000	.968605	1.488660
21	.254000	.811667	.976570	1.000000	.977811	1.511518
22	.266700	.825206	.983204	1.000000	.983941	1.526550
23	.279400	.840655	.990615	1.000000	.990929	1.543508
24	.292100	.847598	.993892	1.000000	.994068	1.551064
25	.304800	.857145	.998344	1.000000	.998381	1.561390
26	.317500	.863220	1.001146	1.000000	1.001125	1.567922
27	.330200	.865824	1.002340	1.000000	1.002301	1.570713
28	.342900	.868080	1.003371	1.000000	1.003320	1.573128
29	.355600	.869295	1.003925	1.000000	1.003868	1.574426
30	.368300	.869990	1.004241	1.000000	1.004182	1.575167
31	.381000	.870337	1.004398	1.000000	1.004339	1.575538
32	.393700	.869122	1.003845	1.000000	1.003790	1.574241
33	.406400	.869122	1.003845	1.000000	1.003790	1.574241
34	.419100	.868254	1.003450	1.000000	1.003398	1.573313
35	.431800	.868254	1.003450	1.000000	1.003398	1.573313
36	.444500	.867560	1.003133	1.000000	1.003085	1.572571
37	.457200	.867560	1.003133	1.000000	1.003085	1.572571
38	.469900	.865824	1.002340	1.000000	1.002301	1.570713
39	.482600	.865824	1.002340	1.000000	1.002301	1.570713
40	.495300	.865824	1.002340	1.000000	1.002301	1.570713
41	.508000	.865824	1.002340	1.000000	1.002301	1.570713
42	.533400	.867560	1.003133	1.000000	1.003085	1.572571
43	.558800	.867386	1.003054	1.000000	1.003006	1.572385

ID NO. 12213-014

PTO= 10.0540 N/SQ CM
TTO= 307.6111 K
PBAR= 758.3000 MMHG
TMAN= 301.1111 K

I	X(CM)	P(N/SQ CM)
1	-1.5850	1.2301
2	-1.0770	1.2301
3	-.5690	1.2510
4	-.0610	1.2601
5	.4470	1.2812
6	.9550	1.3021
7	1.4630	1.2966
8	1.7170	1.3021
9	1.9710	1.3024
10	2.2250	1.3024
11	2.4790	1.3024
12	2.7330	1.3182
13	2.9870	1.3220
14	3.1140	1.3141
15	3.2410	1.3103
16	3.3680	1.3048
17	3.4950	1.2973
18	3.6220	1.2987
19	3.7465	1.3367
20	3.8735	1.5397
21	4.0005	1.8470
22	4.1275	2.0243
23	4.2545	2.1443
24	4.3815	2.2435
25	4.5085	2.3258
26	4.7625	2.4736
27	5.0165	2.5768
28	5.5245	2.6687
29	6.0325	2.3460



ID NO. 12213 -014

STATION X= 2.74 CM PTO= 10.054 N/SQ CM TTO=310.83K
R= 2.576 CM PWALL= 1.3182 N/SQ CM CF= .00253 PI = .737
UE= 520.2 M/SEC RHOE=.00810 KG/CUB M RE= 11.412E6 /M
DELTA= .285 CM DELTA*= .0693 CM THETA= .0206 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.131112	.000000	1.000000	.566422	.000000
2	.012700	.227297	.579229	1.000000	.662845	.922581
3	.025400	.288483	.680988	1.000000	.708975	1.121768
4	.038100	.321874	.723971	1.000000	.732998	1.212610
5	.050800	.348272	.753858	1.000000	.751625	1.278611
6	.063500	.377467	.783798	1.000000	.772075	1.347356
7	.076200	.403340	.807772	1.000000	.789887	1.404492
8	.088900	.428689	.829822	1.000000	.807518	1.458846
9	.101600	.450017	.846939	1.000000	.822103	1.502325
10	.114300	.473093	.864382	1.000000	.837841	1.547870
11	.127000	.498442	.882385	1.000000	.855087	1.596289
12	.139700	.521343	.897714	1.000000	.870636	1.638719
13	.152400	.545469	.913254	1.000000	.887278	1.682945
14	.165100	.569594	.927723	1.000000	.903626	1.725286
15	.177800	.590222	.939504	1.000000	.917588	1.760642
16	.190500	.611725	.951250	1.000000	.932129	1.796723
17	.203200	.632529	.962132	1.000000	.946185	1.830926
18	.215900	.650360	.971105	1.000000	.958224	1.859723
19	.228600	.667318	.979354	1.000000	.969668	1.886686
20	.241300	.681129	.985877	1.000000	.978983	1.908354
21	.254000	.692492	.991119	1.000000	.986645	1.925994
22	.266700	.701233	.995077	1.000000	.992538	1.939450
23	.279400	.710324	.999126	1.000000	.998665	1.953343
24	.292100	.714694	1.001049	1.000000	1.001610	1.959987
25	.304800	.719414	1.003109	1.000000	1.004790	1.967135
26	.317500	.722561	1.004473	1.000000	1.006910	1.971887
27	.330200	.725183	1.005603	1.000000	1.008677	1.975837
28	.342900	.727281	1.006504	1.000000	1.010090	1.978991
29	.355600	.727806	1.006728	1.000000	1.010443	1.979779
30	.368300	.728330	1.006953	1.000000	1.010797	1.980567
31	.381000	.729204	1.007326	1.000000	1.011386	1.981878
32	.393700	.729204	1.007326	1.000000	1.011386	1.981878
33	.406400	.729554	1.007476	1.000000	1.011621	1.982403
34	.419100	.730078	1.007699	1.000000	1.011974	1.983189
35	.431800	.730078	1.007699	1.000000	1.011974	1.983189
36	.444500	.730078	1.007699	1.000000	1.011974	1.983189
37	.457200	.730078	1.007699	1.000000	1.011974	1.983189
38	.469900	.730078	1.007699	1.000000	1.011974	1.983189
39	.482600	.730078	1.007699	1.000000	1.011974	1.983189
40	.495300	.730078	1.007699	1.000000	1.011974	1.983189
41	.508000	.730078	1.007699	1.000000	1.011974	1.983189
42	.533400	.730078	1.007699	1.000000	1.011974	1.983189
43	.558800	.730078	1.007699	1.000000	1.011974	1.983189

ID NO. 12213-016

STATION X= 3.00 CM PTO= 10.054 N/SQ CM TTO=310.83K
R= 2.576 CM PWALL= 1.3220 N/SQ CM CF= .00251 PI = .735
UE= 519.8 M/SEC RHOE=.00812 KG/CUB M RE= 11.413E6 /M
DELTA= .299 CM DELTA*= .0722 CM THETA= .0216 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.131487	.000000	1.000000	.567047	.000000
2	.012700	.224849	.572938	1.000000	.660987	.910123
3	.025400	.287260	.678753	1.000000	.708334	1.116160
4	.038100	.319776	.720936	1.000000	.731699	1.204922
5	.050800	.345999	.750906	1.000000	.750186	1.270768
6	.063500	.372572	.778552	1.000000	.768806	1.333803
7	.076200	.395823	.800551	1.000000	.784810	1.385694
8	.088900	.421696	.823560	1.000000	.802786	1.441753
9	.101600	.445297	.842840	1.000000	.818913	1.490252
10	.114300	.465401	.858308	1.000000	.832611	1.530242
11	.127000	.490750	.876690	1.000000	.849842	1.579105
12	.139700	.511029	.890581	1.000000	.863598	1.617056
13	.152400	.532532	.904591	1.000000	.878161	1.656286
14	.165100	.554035	.918186	1.000000	.892998	1.695319
15	.177800	.574838	.930490	1.000000	.907066	1.731518
16	.190500	.597740	.943411	1.000000	.922536	1.770470
17	.203200	.618019	.954347	1.000000	.936222	1.804228
18	.215900	.636025	.963686	1.000000	.948365	1.833662
19	.228600	.652808	.972095	1.000000	.959676	1.860659
20	.241300	.669591	.980234	1.000000	.970982	1.887257
21	.254000	.683926	.986983	1.000000	.980634	1.909672
22	.266700	.694765	.991967	1.000000	.987929	1.926442
23	.279400	.702632	.995522	1.000000	.993223	1.938519
24	.292100	.710324	.998949	1.000000	.998399	1.950254
25	.304800	.714170	1.000645	1.000000	1.000986	1.956094
26	.317500	.717142	1.001947	1.000000	1.002985	1.960595
27	.330200	.719589	1.003014	1.000000	1.004631	1.964294
28	.342900	.720988	1.003622	1.000000	1.005572	1.966404
29	.355600	.723435	1.004682	1.000000	1.007218	1.970091
30	.368300	.724134	1.004984	1.000000	1.007688	1.971143
31	.381000	.724134	1.004984	1.000000	1.007688	1.971143
32	.393700	.724134	1.004984	1.000000	1.007688	1.971143
33	.406400	.724134	1.004984	1.000000	1.007688	1.971143
34	.419100	.724134	1.004984	1.000000	1.007688	1.971143
35	.431800	.724134	1.004984	1.000000	1.007688	1.971143
36	.444500	.724134	1.004984	1.000000	1.007688	1.971143
37	.457200	.724134	1.004984	1.000000	1.007688	1.971143
38	.469900	.724134	1.004984	1.000000	1.007688	1.971143
39	.482600	.724134	1.004984	1.000000	1.007688	1.971143
40	.495300	.724134	1.004984	1.000000	1.007688	1.971143
41	.508000	.724134	1.004984	1.000000	1.007688	1.971143
42	.533400	.724134	1.004984	1.000000	1.007688	1.971143
43	.558800	.724134	1.004984	1.000000	1.007688	1.971143

STATION X= 3.25 CM PTO= 10.054 N/SQ CM TTO=310.83K
R= 2.576 CM PWALL= 1.3103 N/SQ CM CF= .00250 PI = .760
UE= 519.6 M/SEC RHOE=.00804 KG/CUB M RE= 11.293E6 /M
DELTA= .293 CM DELTA*= .0717 CM THETA= .0214 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.130327	.000000	1.000000	.567423	.000000
2	.012700	.220828	.568623	1.000000	.659692	.901692
3	.025400	.279742	.671900	1.000000	.705125	1.101540
4	.038100	.315056	.718968	1.000000	.730844	1.200010
5	.050800	.343202	.751509	1.000000	.750863	1.271386
6	.063500	.368551	.778161	1.000000	.768804	1.332110
7	.076200	.394249	.802660	1.000000	.786660	1.389913
8	.088900	.416452	.822615	1.000000	.802265	1.438528
9	.101600	.441800	.843551	1.000000	.819753	1.491130
10	.114300	.462080	.859273	1.000000	.833702	1.531791
11	.127000	.484282	.875551	1.000000	.848939	1.575007
12	.139700	.509281	.892823	1.000000	.866059	1.622191
13	.152400	.529210	.905865	1.000000	.879684	1.658784
14	.165100	.552986	.920919	1.000000	.896212	1.702118
15	.177800	.572740	.932624	1.000000	.909696	1.736670
16	.190500	.594593	.945000	1.000000	.924597	1.774071
17	.203200	.617145	.957190	1.000000	.939960	1.811824
18	.215900	.633927	.965904	1.000000	.951385	1.839396
19	.228600	.650710	.974332	1.000000	.962803	1.866545
20	.241300	.669241	.983322	1.000000	.975404	1.896055
21	.254000	.678856	.987863	1.000000	.981939	1.911181
22	.266700	.688996	.992563	1.000000	.988829	1.926999
23	.279400	.698786	.997018	1.000000	.995480	1.942146
24	.292100	.705079	.999839	1.000000	.999755	1.951819
25	.304800	.711373	1.002628	1.000000	1.004029	1.961444
26	.317500	.718016	1.005538	1.000000	1.008540	1.971550
27	.330200	.719065	1.005994	1.000000	1.009252	1.973141
28	.342900	.719939	1.006374	1.000000	1.009845	1.974466
29	.355600	.722386	1.007433	1.000000	1.011507	1.978170
30	.368300	.723085	1.007735	1.000000	1.011982	1.979227
31	.381000	.724309	1.008263	1.000000	1.012812	1.981076
32	.393700	.725183	1.008639	1.000000	1.013406	1.982395
33	.406400	.725708	1.008864	1.000000	1.013762	1.983186
34	.419100	.725183	1.008639	1.000000	1.013406	1.982395
35	.431800	.725533	1.008789	1.000000	1.013643	1.982922
36	.444500	.726232	1.009089	1.000000	1.014118	1.983977
37	.457200	.727281	1.009539	1.000000	1.014830	1.985558
38	.469900	.730952	1.011106	1.000000	1.017322	1.991080
39	.482600	.734798	1.012736	1.000000	1.019933	1.996848
40	.495300	.746861	1.017780	1.000000	1.028119	2.014829
41	.508000	.759798	1.023072	1.000000	1.036896	2.033932
42	.533400	.775881	1.029489	1.000000	1.047806	2.057428
43	.558800	.780077	1.031134	1.000000	1.050651	2.063513

STATION X= 3.51 CM PTO= 10.054 N/SQ CM TTO=310.83K
R= 2.576 CM PWALL= 1.2973 N/SQ CM CF= .00250 PI = .724
UE= 523.4 M/SEC RHOE=.00805 KG/CUB M RE= 11.507E6 /M
DELTA= .305 CM DELTA*= .0736 CM THETA= .0218 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.129031	.000000	1.000000	.561034	.000000
2	.012700	.223101	.574388	1.000000	.656045	.920191
3	.025400	.283763	.676605	1.000000	.702131	1.121373
4	.038100	.320475	.723878	1.000000	.728632	1.222154
5	.050800	.345125	.751766	1.000000	.746137	1.284393
6	.063500	.370124	.777651	1.000000	.763791	1.344244
7	.076200	.394774	.800846	1.000000	.780876	1.399736
8	.088900	.418025	.821472	1.000000	.797174	1.450692
9	.101600	.442325	.841291	1.000000	.813904	1.501202
10	.114300	.462954	.857104	1.000000	.828066	1.542667
11	.127000	.484631	.872822	1.000000	.842915	1.584980
12	.139700	.507707	.888637	1.000000	.858692	1.628730
13	.152400	.529910	.903043	1.000000	.873845	1.669674
14	.165100	.552636	.917301	1.000000	.889632	1.711287
15	.177800	.573789	.929703	1.000000	.904047	1.748420
16	.190500	.594593	.941357	1.000000	.918210	1.784151
17	.203200	.613998	.951777	1.000000	.931409	1.816819
18	.215900	.633228	.961702	1.000000	.944481	1.848601
19	.228600	.651235	.970655	1.000000	.956713	1.877854
20	.241300	.666094	.977810	1.000000	.966802	1.901645
21	.254000	.680255	.984441	1.000000	.976412	1.924033
22	.266700	.690219	.989003	1.000000	.983173	1.939629
23	.279400	.699660	.993246	1.000000	.989577	1.954284
24	.292100	.707876	.996880	1.000000	.995149	1.966949
25	.304800	.715044	1.000006	1.000000	1.000009	1.977929
26	.317500	.722911	1.003390	1.000000	1.005343	1.989908
27	.330200	.734624	1.008341	1.000000	1.013282	2.007608
28	.342900	.746162	1.013119	1.000000	1.021101	2.024888
29	.355600	.760847	1.019063	1.000000	1.031049	2.046664
30	.368300	.772559	1.023696	1.000000	1.038983	2.063865
31	.381000	.777979	1.025809	1.000000	1.042653	2.071774
32	.393700	.780776	1.026892	1.000000	1.044547	2.075844
33	.406400	.783573	1.027970	1.000000	1.046441	2.079906
34	.419100	.785496	1.028708	1.000000	1.047743	2.082694
35	.431800	.786895	1.029243	1.000000	1.048690	2.084719
36	.444500	.787594	1.029510	1.000000	1.049164	2.085731
37	.457200	.789867	1.030376	1.000000	1.050703	2.089016
38	.469900	.789867	1.030376	1.000000	1.050703	2.089016
39	.482600	.791090	1.030841	1.000000	1.051531	2.090782
40	.495300	.792314	1.031305	1.000000	1.052360	2.092548
41	.508000	.792664	1.031438	1.000000	1.052596	2.093052
42	.533400	.794762	1.032424	1.000000	1.054364	2.096812
43	.558800	.797209	1.033345	1.000000	1.056023	2.100333

ID NO. 12213-019

STATION X= 3.76 CM PTO= 10.054 N/SQ CM TTO=310.83K
R= 2.576 CM PWALL= 1.3367 N/SQ CM CF= .00227 PI = .871
UE= 532.5 M/SEC RHOE=.00853 KG/CUB M RE= 12.712E6 /M
DELTA= .321 CM DELTA*= .0822 CM THETA= .0235 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.132954	.000000	1.000000	.545677	.000000
2	.012700	.279742	.647503	1.000000	.674074	1.084663
3	.025400	.295127	.668943	1.000000	.684924	1.129561
4	.038100	.309112	.686670	1.000000	.694440	1.167522
5	.050800	.331839	.713339	1.000000	.709762	1.226173
6	.063500	.355265	.738592	1.000000	.725482	1.283564
7	.076200	.382187	.765152	1.000000	.743416	1.346056
8	.088900	.407011	.787398	1.000000	.759656	1.400240
9	.101600	.433059	.809337	1.000000	.776868	1.455467
10	.114300	.459108	.829448	1.000000	.793789	1.507791
11	.127000	.483233	.846873	1.000000	.809415	1.554546
12	.139700	.505959	.862345	1.000000	.824102	1.597243
13	.152400	.532357	.879283	1.000000	.841127	1.645353
14	.165100	.560503	.896499	1.000000	.859529	1.695821
15	.177800	.589174	.912728	1.000000	.877977	1.744947
16	.190500	.621340	.929804	1.000000	.898645	1.798395
17	.203200	.648263	.943265	1.000000	.915924	1.841886
18	.215900	.677108	.956925	1.000000	.934420	1.887332
19	.228600	.697911	.966325	1.000000	.947749	1.919417
20	.241300	.716617	.974475	1.000000	.959729	1.947801
21	.254000	.736896	.983007	1.000000	.972710	1.978099
22	.266700	.749134	.988010	1.000000	.980541	1.996154
23	.279400	.759972	.992354	1.000000	.987475	2.012006
24	.292100	.768888	.995867	1.000000	.993178	2.024950
25	.304800	.774482	.998044	1.000000	.996756	2.033029
26	.317500	.779028	.999797	1.000000	.999663	2.039569
27	.330200	.781825	1.000870	1.000000	1.001451	2.043582
28	.342900	.786895	1.002801	1.000000	1.004693	2.050837
29	.355600	.789342	1.003728	1.000000	1.006258	2.054330
30	.368300	.791790	1.004651	1.000000	1.007823	2.057816
31	.381000	.792139	1.004782	1.000000	1.008046	2.058314
32	.393700	.795111	1.005897	1.000000	1.009946	2.062539
33	.406400	.796510	1.006420	1.000000	1.010840	2.064524
34	.419100	.797559	1.006811	1.000000	1.011511	2.066011
35	.431800	.798608	1.007201	1.000000	1.012181	2.067498
36	.444500	.799482	1.007526	1.000000	1.012740	2.068736
37	.457200	.801230	1.008175	1.000000	1.013858	2.071209
38	.469900	.802628	1.008692	1.000000	1.014752	2.073186
39	.482600	.802454	1.008628	1.000000	1.014640	2.072939
40	.495300	.802803	1.008757	1.000000	1.014863	2.073433
41	.508000	.803677	1.009080	1.000000	1.015422	2.074667
42	.533400	.805600	1.009788	1.000000	1.016651	2.077379
43	.558800	.808048	1.010686	1.000000	1.018216	2.080827

STATION X= 4.01 CM PTO= 10.054 N/SQ CM TTO=310.83K
R= 2.576 CM PWALL= 1.8470 N/SQ CM CF= .00271 PI = .991
UE= 447.2 M/SEC RHOE=.00947 KG/CUB M RE= 9.794E6 /M
DELTA= .205 CM DELTA*= .0499 CM THETA= .0178 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.183709	.000000	1.000000	.679479	.000000
2	.012700	.279742	.594314	1.000000	.766224	.798948
3	.025400	.319427	.675360	1.000000	.795823	.925270
4	.038100	.341629	.711875	1.000000	.811250	.984705
5	.050800	.363656	.746341	1.000000	.827158	1.042453
6	.063500	.391278	.776677	1.000000	.842344	1.094739
7	.076200	.414004	.803181	1.000000	.856595	1.141632
8	.088900	.444598	.835736	1.000000	.875470	1.200922
9	.101600	.474142	.864328	1.000000	.893404	1.254665
10	.114300	.509281	.895529	1.000000	.914568	1.315264
11	.127000	.541623	.921663	1.000000	.933697	1.367730
12	.139700	.572915	.945187	1.000000	.952113	1.416404
13	.152400	.608054	.970175	1.000000	.973030	1.469733
14	.165100	.634102	.987341	1.000000	.988272	1.507408
15	.177800	.648787	.996645	1.000000	.996850	1.528201
16	.190500	.652109	.998714	1.000000	.998789	1.532862
17	.203200	.653507	.999581	1.000000	.999605	1.534820
18	.215900	.663297	1.005589	1.000000	1.005316	1.548450
19	.228600	.680954	1.016157	1.000000	1.015606	1.572711
20	.241300	.703331	1.029080	1.000000	1.028631	1.602891
21	.254000	.723435	1.040268	1.000000	1.040318	1.629498
22	.266700	.741267	1.049878	1.000000	1.050674	1.652715
23	.279400	.757350	1.058305	1.000000	1.060007	1.673364
24	.292100	.769937	1.065053	1.000000	1.067656	1.690098
25	.304800	.778329	1.069276	1.000000	1.072526	1.700666
26	.317500	.785496	1.072840	1.000000	1.076684	1.709638
27	.330200	.790391	1.075250	1.000000	1.079523	1.715737
28	.342900	.794762	1.077387	1.000000	1.082057	1.721163
29	.355600	.796859	1.078407	1.000000	1.083273	1.723761
30	.368300	.797559	1.078747	1.000000	1.083679	1.724626
31	.381000	.800356	1.080101	1.000000	1.085300	1.728083
32	.393700	.803153	1.081449	1.000000	1.086922	1.731531
33	.406400	.804377	1.082037	1.000000	1.087631	1.733038
34	.419100	.805600	1.082624	1.000000	1.088341	1.734543
35	.431800	.806824	1.083209	1.000000	1.089050	1.736047
36	.444500	.808223	1.083877	1.000000	1.089860	1.737764
37	.457200	.809446	1.084461	1.000000	1.090570	1.739265
38	.469900	.809796	1.084627	1.000000	1.090772	1.739694
39	.482600	.810670	1.085043	1.000000	1.091279	1.740765
40	.495300	.811894	1.085624	1.000000	1.091988	1.742263
41	.508000	.812244	1.085790	1.000000	1.092191	1.742691
42	.533400	.813292	1.086287	1.000000	1.092798	1.743973
43	.558800	.814341	1.086783	1.000000	1.093406	1.745255

ID NO. 12213-021

STATION X= 4.27 CM PTO= 10.054 N/SQ CM TTO=310.83K
R= 2.576 CM PWALL= 2.1443 N/SQ CM CF= .00177 PI =1.925
UE= 465.8 M/SEC RHOE=.01145 KG/CUB M RE= 12.773E6 /M
DELTA= .255 CM DELTA*= .0784 CM THETA= .0257 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.213282	.000000	1.000000	.652244	.000000
2	.012700	.279917	.463595	1.000000	.704931	.635519
3	.025400	.314881	.550370	1.000000	.729040	.767269
4	.038100	.337783	.594978	1.000000	.743811	.837818
5	.050800	.360684	.633104	1.000000	.757884	.899898
6	.063500	.384809	.667967	1.000000	.772034	.958275
7	.076200	.414703	.707638	1.000000	.789775	1.026785
8	.088900	.442150	.733166	1.000000	.802200	1.072163
9	.101600	.476764	.767610	1.000000	.820337	1.135151
10	.114300	.508407	.795912	1.000000	.836527	1.188563
11	.127000	.542322	.823559	1.000000	.853572	1.242316
12	.139700	.579908	.851388	1.000000	.872071	1.298136
13	.152400	.626235	.883175	1.000000	.895016	1.364204
14	.165100	.655081	.901320	1.000000	.909063	1.403114
15	.177800	.695814	.925701	1.000000	.929123	1.456882
16	.190500	.728155	.943600	1.000000	.944782	1.497514
17	.203200	.758399	.959484	1.000000	.959390	1.534449
18	.215900	.789692	.975127	1.000000	.974475	1.571677
19	.228600	.809097	.984452	1.000000	.983816	1.594294
20	.241300	.828152	.993347	1.000000	.992979	1.616174
21	.254000	.841788	.999560	1.000000	.999531	1.631639
22	.266700	.848082	1.002386	1.000000	1.002554	1.638724
23	.279400	.850005	1.003245	1.000000	1.003478	1.640883
24	.292100	.840564	.999008	1.000000	.998943	1.630258
25	.304800	.823082	.991005	1.000000	.990542	1.610384
26	.317500	.799307	.979782	1.000000	.979105	1.582927
27	.330200	.779902	.970315	1.000000	.969759	1.560133
28	.342900	.768364	.964549	1.000000	.964197	1.546409
29	.355600	.768888	.964814	1.000000	.964450	1.547035
30	.368300	.772909	.966833	1.000000	.966389	1.551831
31	.381000	.778678	.969709	1.000000	.969169	1.558684
32	.393700	.785496	.973074	1.000000	.972454	1.566741
33	.406400	.792664	.976573	1.000000	.975906	1.575164
34	.419100	.797384	.978856	1.000000	.978179	1.580684
35	.431800	.801230	.980705	1.000000	.980030	1.585167
36	.444500	.804551	.982292	1.000000	.981629	1.589027
37	.457200	.808572	.984204	1.000000	.983563	1.593687
38	.469900	.810845	.985279	1.000000	.984657	1.596315
39	.482600	.813292	.986432	1.000000	.985834	1.599139
40	.495300	.814167	.986843	1.000000	.986255	1.600146
41	.508000	.815041	.987254	1.000000	.986675	1.601153
42	.533400	.819411	.989298	1.000000	.988777	1.606177
43	.558800	.821684	.990356	1.000000	.989870	1.608782

ID NO. 12213-022

STATION X= 4.52 CM PTO= 10.054 N/SQ CM TTO=310.83K
R= 2.576 CM PWALL= 2.3258 N/SQ CM CF= .00156 PI =2.358
UE= 454.8 M/SEC RHOE=.01211 KG/CUB M RE= 12.921E6 /M
DELTA= .259 CM DELTA*= .0839 CM THETA= .0277 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.231326	.000000	1.000000	.668550	.000000
2	.012700	.287959	.427773	1.000000	.711717	.568190
3	.025400	.314881	.504426	1.000000	.730126	.678614
4	.038100	.333937	.548119	1.000000	.742487	.743612
5	.050800	.357013	.593134	1.000000	.756798	.812398
6	.063500	.381837	.634436	1.000000	.771474	.877354
7	.076200	.407885	.671821	1.000000	.786158	.937854
8	.088900	.437780	.708994	1.000000	.802206	.999798
9	.101600	.468198	.739517	1.000000	.816565	1.052132
10	.114300	.495820	.766961	1.000000	.830465	1.100426
11	.127000	.532882	.799896	1.000000	.848493	1.160070
12	.139700	.570468	.829983	1.000000	.866364	1.216314
13	.152400	.613998	.861887	1.000000	.886927	1.277971
14	.165100	.645815	.883599	1.000000	.901957	1.321219
15	.177800	.692842	.912860	1.000000	.923669	1.381303
16	.190500	.723085	.930421	1.000000	.937567	1.418428
17	.203200	.757000	.949443	1.000000	.953414	1.459608
18	.215900	.790391	.966854	1.000000	.968691	1.498236
19	.228600	.809621	.976480	1.000000	.977473	1.519996
20	.241300	.836369	.989416	1.000000	.989669	1.549711
21	.254000	.852627	.997036	1.000000	.997074	1.567476
22	.266700	.866438	1.003370	1.000000	1.003359	1.582399
23	.279400	.873780	1.006688	1.000000	1.006698	1.590271
24	.292100	.881472	1.010127	1.000000	1.010196	1.598474
25	.304800	.886367	1.012297	1.000000	1.012420	1.603670
26	.317500	.888815	1.013376	1.000000	1.013533	1.606262
27	.330200	.891087	1.014375	1.000000	1.014565	1.608664
28	.342900	.889514	1.013684	1.000000	1.013850	1.607001
29	.355600	.890912	1.014299	1.000000	1.014486	1.608479
30	.368300	.890213	1.013992	1.000000	1.014168	1.607740
31	.381000	.889514	1.013684	1.000000	1.013850	1.607001
32	.393700	.888815	1.013376	1.000000	1.013533	1.606262
33	.406400	.886367	1.012297	1.000000	1.012420	1.603670
34	.419100	.881472	1.010127	1.000000	1.010196	1.598474
35	.431800	.873256	1.006452	1.000000	1.006460	1.589710
36	.444500	.853501	.997440	1.000000	.997472	1.568425
37	.457200	.839515	.990905	1.000000	.991103	1.553167
38	.469900	.810495	.976911	1.000000	.977871	1.520977
39	.482600	.796335	.969860	1.000000	.971406	1.504998
40	.495300	.793013	.968183	1.000000	.969889	1.501223
41	.508000	.797384	.970387	1.000000	.971886	1.506188
42	.533400	.805076	.974230	1.000000	.975398	1.514883
43	.558800	.812768	.978029	1.000000	.978909	1.523524

ID NO. 12213-023

STATION X= 4.78 CM PTO= 10.054 N/SQ CM TTO=310.83K
R= 2.576 CM PWALL= 2.4736 N/SQ CM CF= .00141 PI[illegible]=2.746
UE= 446.0 M/SEC RHOE=.01264 KG/CUB M RE= 13.019E6 /M
DELTA= .260 CM DELTA*= .0876 CM THETA= .0289 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.246027	.000000	1.000000	.681218	.000000
2	.012700	.297224	.406131	1.000000	.719025	.526777
3	.025400	.320475	.477719	1.000000	.734666	.626334
4	.038100	.335860	.516645	1.000000	.744574	.681922
5	.050800	.354565	.557695	1.000000	.756194	.741825
6	.063500	.377816	.601535	1.000000	.770042	.807433
7	.076200	.400718	.638838	1.000000	.783099	.864744
8	.088900	.427815	.677242	1.000000	.797877	.925337
9	.101600	.460506	.717228	1.000000	.814841	.990335
10	.114300	.493547	.752720	1.000000	.831380	1.049837
11	.127000	.530259	.784512	1.000000	.847494	1.104732
12	.139700	.567496	.816225	1.000000	.864907	1.161136
13	.152400	.606655	.846265	1.000000	.882750	1.216224
14	.165100	.644766	.873334	1.000000	.900057	1.267371
15	.177800	.692667	.904585	1.000000	.921625	1.328357
16	.190500	.729029	.926309	1.000000	.937710	1.372078
17	.203200	.754029	.940487	1.000000	.948729	1.401240
18	.215900	.787070	.958736	1.000000	.963556	1.439548
19	.228600	.816789	.974066	1.000000	.976603	1.472435
20	.241300	.840564	.985849	1.000000	.987021	1.498174
21	.254000	.862941	.996575	1.000000	.996810	1.521965
22	.266700	.876752	1.003027	1.000000	1.002845	1.536449
23	.279400	.888815	1.008562	1.000000	1.008113	1.548980
24	.292100	.894933	1.011335	1.000000	1.010784	1.555295
25	.304800	.899479	1.013380	1.000000	1.012767	1.559968
26	.317500	.901751	1.014397	1.000000	1.013759	1.562298
27	.330200	.903499	1.015178	1.000000	1.014521	1.564089
28	.342900	.904374	1.015568	1.000000	1.014902	1.564983
29	.355600	.905073	1.015879	1.000000	1.015207	1.565698
30	.368300	.905772	1.016190	1.000000	1.015512	1.566413
31	.381000	.905073	1.015879	1.000000	1.015207	1.565698
32	.393700	.904199	1.015490	1.000000	1.014826	1.564804
33	.406400	.904199	1.015490	1.000000	1.014826	1.564804
34	.419100	.904199	1.015490	1.000000	1.014826	1.564804
35	.431800	.904199	1.015490	1.000000	1.014826	1.564804
36	.444500	.904199	1.015490	1.000000	1.014826	1.564804
37	.457200	.904199	1.015490	1.000000	1.014826	1.564804
38	.469900	.903499	1.015178	1.000000	1.014521	1.564089
39	.482600	.902975	1.014944	1.000000	1.014292	1.563552
40	.495300	.902975	1.014944	1.000000	1.014292	1.563552
41	.508000	.901576	1.014319	1.000000	1.013682	1.562119
42	.533400	.900528	1.013850	1.000000	1.013225	1.561044
43	.558800	.896856	1.012202	1.000000	1.011623	1.557273

STATION X= 5.03 CM PTO= 10.054 N/SQ CM TTO=310.83K
R= 2.576 CM PWALL= 2.5768 N/SQ CM CF= .00135 PI =2.882
UE= 440.6 M/SEC RHOE=.01303 KG/CUB M RE= 13.124E6 /M
DELTA= .272 CM DELTA*= .0917 CM THETA= .0305 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.256294	.000000	1.000000	.688895	.000000
2	.012700	.307888	.405101	1.000000	.725959	.518658
3	.025400	.328168	.468181	1.000000	.739310	.604907
4	.038100	.342328	.505102	1.000000	.748288	.656561
5	.050800	.360509	.546405	1.000000	.759434	.715519
6	.063500	.377991	.581156	1.000000	.769778	.766191
7	.076200	.399144	.618182	1.000000	.781848	.821371
8	.088900	.425193	.657911	1.000000	.796098	.882089
9	.101600	.452115	.693695	1.000000	.810186	.938259
10	.114300	.481135	.727574	1.000000	.824716	.992867
11	.127000	.515924	.762259	1.000000	.840899	1.050356
12	.139700	.552112	.793908	1.000000	.856927	1.104343
13	.152400	.589523	.824966	1.000000	.873931	1.158874
14	.165100	.631130	.856049	1.000000	.892332	1.215132
15	.177800	.673611	.885309	1.000000	.911039	1.269770
16	.190500	.709450	.908337	1.000000	.926788	1.314011
17	.203200	.746511	.930310	1.000000	.942729	1.357322
18	.215900	.781650	.949938	1.000000	.957778	1.396978
19	.228600	.820810	.970952	1.000000	.974796	1.440510
20	.241300	.840215	.980747	1.000000	.983070	1.461204
21	.254000	.861193	.991031	1.000000	.992000	1.483218
22	.266700	.875179	.997720	1.000000	.997947	1.497697
23	.279400	.886717	1.003140	1.000000	1.002849	1.509528
24	.292100	.897905	1.008315	1.000000	1.007599	1.520905
25	.304800	.903325	1.010794	1.000000	1.009899	1.526383
26	.317500	.907695	1.012780	1.000000	1.011753	1.530784
27	.330200	.910667	1.014123	1.000000	1.013013	1.533770
28	.342900	.912240	1.014833	1.000000	1.013681	1.535348
29	.355600	.914163	1.015697	1.000000	1.014496	1.537274
30	.368300	.916436	1.016716	1.000000	1.015460	1.539547
31	.381000	.915737	1.016403	1.000000	1.015163	1.538848
32	.393700	.916611	1.016795	1.000000	1.015534	1.539722
33	.406400	.917310	1.017108	1.000000	1.015830	1.540421
34	.419100	.916961	1.016951	1.000000	1.015682	1.540071
35	.431800	.917310	1.017108	1.000000	1.015830	1.540421
36	.444500	.918184	1.017498	1.000000	1.016201	1.541293
37	.457200	.918359	1.017576	1.000000	1.016275	1.541468
38	.469900	.918534	1.017654	1.000000	1.016349	1.541642
39	.482600	.918534	1.017654	1.000000	1.016349	1.541642
40	.495300	.918534	1.017654	1.000000	1.016349	1.541642
41	.508000	.918534	1.017654	1.000000	1.016349	1.541642
42	.533400	.917485	1.017186	1.000000	1.015905	1.540595
43	.558800	.916611	1.016795	1.000000	1.015534	1.539722

ID NO. 12213-025

STATION X= 5.54 CM PTO= 10.054 N/SQ CM TTO=310.83K
R= 2.576 CM PWALL= 2.6687 N/SQ CM CF= .00147 PI =2.540
UE= 438.2 M/SEC RHOE=.01342 KG/CUB M RE= 13.396E6 /M
DELTA= .289 CM DELTA*= .0922 CM THETA= .0317 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.265435	.000000	1.000000	.692285	.000000
2	.012700	.327293	.434515	1.000000	.734986	.555342
3	.025400	.349845	.496515	1.000000	.749113	.640652
4	.038100	.365929	.533712	1.000000	.758795	.693083
5	.050800	.380264	.563225	1.000000	.767172	.735436
6	.063500	.396347	.593066	1.000000	.776306	.778997
7	.076200	.418375	.629418	1.000000	.788396	.833159
8	.088900	.440926	.662308	1.000000	.800311	.883295
9	.101600	.466800	.695758	1.000000	.813457	.935496
10	.114300	.493023	.725901	1.000000	.826259	.983676
11	.127000	.521693	.758155	1.000000	.841044	1.036534
12	.139700	.557007	.785607	1.000000	.854583	1.082677
13	.152400	.594943	.817250	1.000000	.871371	1.137295
14	.165100	.630081	.844217	1.000000	.886760	1.185150
15	.177800	.672388	.873819	1.000000	.904899	1.239190
16	.190500	.709100	.897353	1.000000	.920329	1.283368
17	.203200	.743714	.918610	1.000000	.935096	1.324268
18	.215900	.780077	.939271	1.000000	.950256	1.364985
19	.228600	.809446	.955113	1.000000	.962457	1.396889
20	.241300	.837243	.969473	1.000000	.973972	1.426348
21	.254000	.862067	.982191	1.000000	.984552	1.452886
22	.266700	.877102	.989461	1.000000	.990767	1.468254
23	.279400	.892661	.996827	1.000000	.997192	1.483973
24	.292100	.901576	1.000978	1.000000	1.000871	1.492898
25	.304800	.909618	1.004680	1.000000	1.004187	1.500899
26	.317500	.916611	1.007866	1.000000	1.007070	1.507819
27	.330200	.919933	1.009369	1.000000	1.008439	1.511094
28	.342900	.923429	1.010945	1.000000	1.009879	1.514532
29	.355600	.924478	1.011416	1.000000	1.010312	1.515562
30	.368300	.925352	1.011808	1.000000	1.010672	1.516420
31	.381000	.926226	1.012199	1.000000	1.011032	1.517277
32	.393700	.926925	1.012513	1.000000	1.011320	1.517963
33	.406400	.926925	1.012513	1.000000	1.011320	1.517963
34	.419100	.926925	1.012513	1.000000	1.011320	1.517963
35	.431800	.926925	1.012513	1.000000	1.011320	1.517963
36	.444500	.925527	1.011886	1.000000	1.010744	1.516592
37	.457200	.923604	1.011023	1.000000	1.009951	1.514704
38	.469900	.923604	1.011023	1.000000	1.009951	1.514704
39	.482600	.922730	1.010630	1.000000	1.009591	1.513845
40	.495300	.920107	1.009448	1.000000	1.008511	1.511266
41	.508000	.919058	1.008974	1.000000	1.008079	1.510233
42	.533400	.916261	1.007708	1.000000	1.006926	1.507474
43	.558800	.913464	1.006436	1.000000	1.005773	1.504709

ID NO. 12213-026

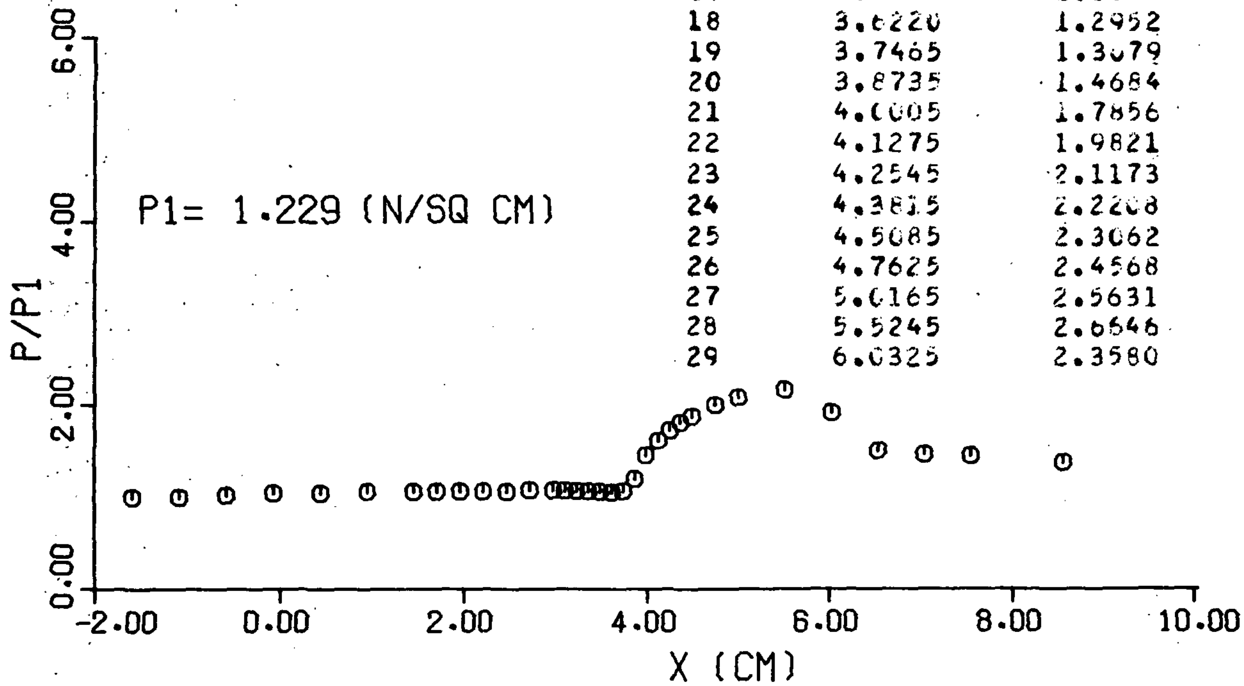
STATION X= 6.05 CM PTO= 10.054 N/SQ CM TTO=310.83K
R= 2.576 CM PWALL= 2.3460 N/SQ CM CF= .00213 PI =1.315
UE= 452.7 M/SEC RHOE=.01217 KG/CUB M RE= 12.869E6 /M
DELTA= .303 CM DELTA*= .0776 CM THETA= .0280 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.233338	.000000	1.000000	.671526	.000000
2	.012700	.337957	.552942	1.000000	.746496	.747133
3	.025400	.379040	.627739	1.000000	.771370	.862213
4	.038100	.393725	.650141	1.000000	.779793	.897845
5	.050800	.410158	.673153	1.000000	.788957	.935070
6	.063500	.427815	.695810	1.000000	.798515	.972380
7	.076200	.448968	.723168	1.000000	.810809	1.018363
8	.088900	.469422	.741778	1.000000	.819672	1.050262
9	.101600	.496519	.766815	1.000000	.832275	1.094027
10	.114300	.522043	.790195	1.000000	.844795	1.135831
11	.127000	.552986	.816388	1.000000	.859745	1.183819
12	.139700	.579034	.836437	1.000000	.871896	1.221433
13	.152400	.611026	.860012	1.000000	.887026	1.266708
14	.165100	.648263	.885534	1.000000	.904509	1.317090
15	.177800	.675185	.902627	1.000000	.916909	1.351685
16	.190500	.708925	.922902	1.000000	.932387	1.393663
17	.203200	.734624	.937570	1.000000	.944137	1.424704
18	.215900	.755777	.949544	1.000000	.954094	1.450490
19	.228600	.782699	.963771	1.000000	.966370	1.481664
20	.241300	.806300	.975762	1.000000	.977111	1.508411
21	.254000	.823082	.984031	1.000000	.984739	1.527121
22	.266700	.834620	.989599	1.000000	.989979	1.539841
23	.279400	.841963	.993093	1.000000	.993311	1.547877
24	.292100	.851228	.997450	1.000000	.997514	1.557953
25	.304800	.857347	1.000295	1.000000	1.000289	1.564569
26	.317500	.861543	1.002232	1.000000	1.002191	1.569088
27	.330200	.864689	1.003677	1.000000	1.003617	1.572469
28	.342900	.865738	1.004158	1.000000	1.004093	1.573594
29	.355600	.867487	1.004957	1.000000	1.004885	1.575467
30	.368300	.866263	1.004398	1.000000	1.004330	1.574156
31	.381000	.866787	1.004637	1.000000	1.004568	1.574718
32	.393700	.866787	1.004637	1.000000	1.004568	1.574718
33	.406400	.865913	1.004238	1.000000	1.004172	1.573781
34	.419100	.864689	1.003677	1.000000	1.003617	1.572469
35	.431800	.864689	1.003677	1.000000	1.003617	1.572469
36	.444500	.864689	1.003677	1.000000	1.003617	1.572469
37	.457200	.863990	1.003357	1.000000	1.003300	1.571718
38	.469900	.863990	1.003357	1.000000	1.003300	1.571718
39	.482600	.863466	1.003116	1.000000	1.003063	1.571155
40	.495300	.863990	1.003357	1.000000	1.003300	1.571718
41	.508000	.864864	1.003757	1.000000	1.003696	1.572656
42	.533400	.865039	1.003838	1.000000	1.003776	1.572844
43	.558800	.866787	1.004637	1.000000	1.004568	1.574718

ID NO. 12213-027

PTO= 10.0544 N/SQ CM
TTO= 307.6111 K
PBAR= 758.2000 MMHG
TMAN= 301.4444 K

I	X(CM)	P(N/SQ CM)
1	-1.5850	1.2291
2	-1.0770	1.2311
3	-.5690	1.2555
4	-.0610	1.2839
5	.4470	1.2832
6	.9550	1.3042
7	1.4630	1.2987
8	1.7170	1.3024
9	1.9710	1.3018
10	2.2250	1.3031
11	2.4790	1.3031
12	2.7330	1.3210
13	2.9870	1.3240
14	3.1140	1.3168
15	3.2410	1.3124
16	3.3680	1.3083
17	3.4950	1.3007
18	3.6220	1.2952
19	3.7465	1.3079
20	3.8735	1.4684
21	4.0005	1.7856
22	4.1275	1.9821
23	4.2545	2.1173
24	4.3815	2.2208
25	4.5085	2.3062
26	4.7625	2.4568
27	5.0165	2.5631
28	5.5245	2.6646
29	6.0325	2.3580



ID NO. 12213 -027

STATION X= 2.74 CM PTO= 10.054 N/SQ CM TTO=310.83K
R= 2.576 CM PWALL= 1.3182 N/SQ CM CF= .00253 PI = .737
UE= 520.2 M/SEC RHOE=.00810 KG/CUB M RE= 11.412E6 /M
DELTA= .285 CM DELTA*= .0693 CM THETA= .0206 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.131112	.000000	1.000000	.566422	.000000
2	.012700	.227297	.579229	1.000000	.662845	.922581
3	.025400	.288483	.680988	1.000000	.708975	1.121768
4	.038100	.321874	.723971	1.000000	.732998	1.212610
5	.050800	.348272	.753858	1.000000	.751625	1.278611
6	.063500	.377467	.783798	1.000000	.772075	1.347356
7	.076200	.403340	.807772	1.000000	.789887	1.404492
8	.088900	.428689	.829822	1.000000	.807518	1.458846
9	.101600	.450017	.846939	1.000000	.822103	1.502325
10	.114300	.473093	.864382	1.000000	.837841	1.547870
11	.127000	.496442	.882385	1.000000	.855087	1.596289
12	.139700	.521343	.897714	1.000000	.870636	1.638719
13	.152400	.545469	.913254	1.000000	.887278	1.682945
14	.165100	.569594	.927723	1.000000	.903626	1.725286
15	.177800	.590222	.939504	1.000000	.917588	1.760642
16	.190500	.611725	.951250	1.000000	.932129	1.796723
17	.203200	.632529	.962132	1.000000	.946185	1.830926
18	.215900	.650360	.971105	1.000000	.958224	1.859723
19	.228600	.667318	.979354	1.000000	.969666	1.886686
20	.241300	.681129	.985877	1.000000	.978983	1.908354
21	.254000	.692492	.991119	1.000000	.986645	1.925994
22	.266700	.701233	.995077	1.000000	.992538	1.939450
23	.279400	.710324	.999126	1.000000	.998655	1.953343
24	.292100	.714694	1.001049	1.000000	1.001610	1.959987
25	.304800	.719414	1.003109	1.000000	1.004790	1.967135
26	.317500	.722561	1.004473	1.000000	1.006910	1.971887
27	.330200	.725183	1.005603	1.000000	1.008677	1.975837
28	.342900	.727281	1.006504	1.000000	1.010090	1.978991
29	.355600	.727806	1.006728	1.000000	1.010443	1.979779
30	.368300	.728330	1.006953	1.000000	1.010797	1.980567
31	.381000	.729204	1.007326	1.000000	1.011386	1.981878
32	.393700	.729204	1.007326	1.000000	1.011386	1.981878
33	.406400	.729554	1.007476	1.000000	1.011621	1.982403
34	.419100	.730078	1.007699	1.000000	1.011974	1.983189
35	.431800	.730078	1.007699	1.000000	1.011974	1.983189
36	.444500	.730078	1.007699	1.000000	1.011974	1.983189
37	.457200	.730078	1.007699	1.000000	1.011974	1.983189
38	.469900	.730078	1.007699	1.000000	1.011974	1.983189
39	.482600	.730078	1.007699	1.000000	1.011974	1.983189
40	.495300	.730078	1.007699	1.000000	1.011974	1.983189
41	.508000	.730078	1.007699	1.000000	1.011974	1.983189
42	.533400	.730078	1.007699	1.000000	1.011974	1.983189
43	.558800	.730078	1.007699	1.000000	1.011974	1.983189

ID NO. 12213-029

STATION X= 3.00 CM PTO= 10.054 N/SQ CM TTO=310.83K
R= 2.576 CM PWALL= 1.3220 N/SQ CM CF= .00251 PI = .735
UE= 519.8 M/SEC RHOE=.00812 KG/CUB M RE= 11.413E6 /M
DELTA= .299 CM DELTA*= .0722 CM THETA= .0216 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.131487	.000000	1.000000	.567047	.000000
2	.012700	.224849	.572938	1.000000	.660987	.910123
3	.025400	.287260	.678753	1.000000	.708334	1.116160
4	.038100	.319776	.720936	1.000000	.731699	1.204922
5	.050800	.345999	.750906	1.000000	.750186	1.270768
6	.063500	.372572	.778552	1.000000	.768806	1.333803
7	.076200	.395823	.800551	1.000000	.784810	1.385694
8	.088900	.421696	.823560	1.000000	.802756	1.441753
9	.101600	.445297	.842840	1.000000	.818913	1.490252
10	.114300	.465401	.856308	1.000000	.832611	1.530242
11	.127000	.490750	.876690	1.000000	.849842	1.579105
12	.139700	.511029	.890581	1.000000	.863598	1.617056
13	.152400	.532532	.904591	1.000000	.878161	1.656286
14	.165100	.554035	.918186	1.000000	.892998	1.695319
15	.177800	.574838	.930490	1.000000	.907066	1.731518
16	.190500	.597740	.943411	1.000000	.922536	1.770470
17	.203200	.618019	.954347	1.000000	.936222	1.804228
18	.215900	.636025	.963686	1.000000	.948365	1.833662
19	.228600	.652608	.972095	1.000000	.959676	1.860659
20	.241300	.669591	.980234	1.000000	.970982	1.887257
21	.254000	.683926	.986983	1.000000	.980634	1.909672
22	.266700	.694765	.991967	1.000000	.987929	1.926442
23	.279400	.702622	.995522	1.000000	.993223	1.938519
24	.292100	.710324	.998949	1.000000	.998399	1.950254
25	.304800	.714170	1.000645	1.000000	1.000986	1.956094
26	.317500	.717142	1.001947	1.000000	1.002985	1.960595
27	.330200	.719569	1.003014	1.000000	1.004631	1.964294
28	.342900	.720988	1.003622	1.000000	1.005572	1.966404
29	.355600	.723435	1.004682	1.000000	1.007218	1.970091
30	.368300	.724134	1.004984	1.000000	1.007688	1.971143
31	.381000	.724134	1.004984	1.000000	1.007688	1.971143
32	.393700	.724134	1.004984	1.000000	1.007688	1.971143
33	.406400	.724134	1.004984	1.000000	1.007688	1.971143
34	.419100	.724134	1.004984	1.000000	1.007688	1.971143
35	.431800	.724134	1.004984	1.000000	1.007688	1.971143
36	.444500	.724134	1.004984	1.000000	1.007688	1.971143
37	.457200	.724134	1.004984	1.000000	1.007688	1.971143
38	.469900	.724134	1.004984	1.000000	1.007688	1.971143
39	.482600	.724134	1.004984	1.000000	1.007688	1.971143
40	.495300	.724134	1.004984	1.000000	1.007688	1.971143
41	.508000	.724134	1.004984	1.000000	1.007688	1.971143
42	.533400	.724134	1.004984	1.000000	1.007688	1.971143
43	.558800	.724134	1.004984	1.000000	1.007688	1.971143

ID NO. 12213-030

STATION X= 3.25 CM PT0= 10.054 N/SQ CM TT0=310.83K
R= 2.576 CM PWALL= 1.3103 N/SQ CM CF= .00250 PI = .760
UE= 519.6 M/SEC RHOE=.00804 KG/CUB M RE= 11.29356 /M
DELTA= .293 CM DELTA*= .0717 CM THETA= .0214 CM

I	Y(CM)	PT/PT0	U/UE	TT/TT0	RHO/RHOE	M
1	.000000	.130327	.000000	1.000000	.567423	.000000
2	.012700	.220828	.568623	1.000000	.659692	.901692
3	.025400	.279742	.671900	1.000000	.705125	1.101540
4	.038100	.315056	.718968	1.000000	.730644	1.200010
5	.050800	.343202	.751509	1.000000	.750863	1.271386
6	.063500	.368551	.778161	1.000000	.768804	1.332110
7	.076200	.394249	.802660	1.000000	.786660	1.389913
8	.088900	.416452	.822615	1.000000	.802265	1.438528
9	.101600	.441800	.843551	1.000000	.819753	1.491130
10	.114300	.462080	.859273	1.000000	.833702	1.531791
11	.127000	.484252	.875551	1.000000	.848939	1.575007
12	.139700	.509281	.892823	1.000000	.866059	1.622191
13	.152400	.529210	.905865	1.000000	.879684	1.658784
14	.165100	.552986	.920919	1.000000	.896212	1.702118
15	.177800	.572740	.932624	1.000000	.909696	1.736670
16	.190500	.594593	.945000	1.000000	.924597	1.774071
17	.203200	.617145	.957190	1.000000	.939960	1.811824
18	.215900	.633927	.965904	1.000000	.951385	1.839396
19	.228600	.650710	.974332	1.000000	.962803	1.866545
20	.241300	.669241	.983322	1.000000	.975404	1.896055
21	.254000	.678856	.987863	1.000000	.981939	1.911181
22	.266700	.688996	.992563	1.000000	.988829	1.926999
23	.279400	.698786	.997018	1.000000	.995480	1.942146
24	.292100	.705079	.999839	1.000000	.999755	1.951819
25	.304800	.711373	1.002628	1.000000	1.004029	1.961444
26	.317500	.718016	1.005536	1.000000	1.008540	1.971550
27	.330200	.719065	1.005994	1.000000	1.009252	1.973141
28	.342900	.719939	1.006374	1.000000	1.009845	1.974466
29	.355600	.722386	1.007432	1.000000	1.011507	1.978170
30	.368300	.723085	1.007735	1.000000	1.011982	1.979227
31	.381000	.724309	1.008263	1.000000	1.012812	1.981076
32	.393700	.725183	1.008639	1.000000	1.013406	1.982395
33	.406400	.725708	1.008864	1.000000	1.013762	1.983186
34	.419100	.725183	1.008639	1.000000	1.013406	1.982395
35	.431800	.725533	1.008789	1.000000	1.013643	1.982922
36	.444500	.726232	1.009089	1.000000	1.014118	1.983977
37	.457200	.727281	1.009539	1.000000	1.014830	1.985558
38	.469900	.730952	1.011106	1.000000	1.017322	1.991080
39	.482600	.734798	1.012736	1.000000	1.019933	1.996848
40	.495300	.744661	1.017780	1.000000	1.028119	2.014829
41	.508000	.759798	1.023072	1.000000	1.036896	2.033932
42	.533400	.775881	1.029489	1.000000	1.047806	2.057428
43	.558800	.780077	1.031134	1.000000	1.050651	2.063513

STATION X= 3.51 CM PTO= 10.054 N/SQ CM TTO=310.83K
R= 2.576 CM PWALL= 1.2973 N/SQ CM CF= .00250 PI = .724
UE= 523.4 M/SEC RHOE=.00805 KG/CUB M RE= 11.507E6 /M
DELTA= .305 CM DELTA*= .0736 CM THETA= .0218 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.129031	.000000	1.000000	.561034	.000000
2	.012700	.223101	.574388	1.000000	.656045	.920191
3	.025400	.283763	.676605	1.000000	.702131	1.121373
4	.038100	.320475	.723878	1.000000	.728632	1.222154
5	.050800	.345125	.751766	1.000000	.746137	1.284393
6	.063500	.370124	.777651	1.000000	.763791	1.344244
7	.076200	.394774	.800846	1.000000	.780876	1.399736
8	.088900	.418025	.821472	1.000000	.797174	1.450692
9	.101600	.442325	.841291	1.000000	.813904	1.501202
10	.114300	.462954	.857104	1.000000	.828066	1.542667
11	.127000	.484631	.872822	1.000000	.842915	1.584980
12	.139700	.507707	.888637	1.000000	.858692	1.628730
13	.152400	.529910	.903043	1.000000	.873845	1.669674
14	.165100	.552636	.917301	1.000000	.889632	1.711287
15	.177800	.573789	.929703	1.000000	.904047	1.748420
16	.190500	.594593	.941357	1.000000	.918210	1.784151
17	.203200	.613998	.951777	1.000000	.931409	1.816819
18	.215900	.633228	.961702	1.000000	.944481	1.848601
19	.228600	.651235	.970655	1.000000	.956713	1.877854
20	.241300	.666094	.977810	1.000000	.966802	1.901645
21	.254000	.680255	.984441	1.000000	.976412	1.924033
22	.266700	.690219	.989003	1.000000	.983173	1.939629
23	.279400	.699660	.993246	1.000000	.989577	1.954284
24	.292100	.707876	.996880	1.000000	.995149	1.966949
25	.304800	.715044	1.000006	1.000000	1.000009	1.977929
26	.317500	.722911	1.003390	1.000000	1.005343	1.989908
27	.330200	.734624	1.008341	1.000000	1.013282	2.007608
28	.342900	.746162	1.013119	1.000000	1.021101	2.024888
29	.355600	.760847	1.019063	1.000000	1.031049	2.046664
30	.368300	.772559	1.023696	1.000000	1.038983	2.063665
31	.381000	.777979	1.025809	1.000000	1.042653	2.071774
32	.393700	.780776	1.026892	1.000000	1.044547	2.075844
33	.406400	.783573	1.027970	1.000000	1.046441	2.079906
34	.419100	.785496	1.028708	1.000000	1.047743	2.082694
35	.431800	.786895	1.029243	1.000000	1.048690	2.084719
36	.444500	.787594	1.029510	1.000000	1.049164	2.085731
37	.457200	.789867	1.030376	1.000000	1.050703	2.089016
38	.469900	.789867	1.030376	1.000000	1.050703	2.089016
39	.482600	.791090	1.030841	1.000000	1.051531	2.090782
40	.495300	.792314	1.031305	1.000000	1.052360	2.092548
41	.508000	.792664	1.031438	1.000000	1.052596	2.093052
42	.533400	.794762	1.032424	1.000000	1.054364	2.096812
43	.558800	.797209	1.033345	1.000000	1.056023	2.100333

ID NO. 12213-032

STATION X= 3.76 CM PTO= 10.054 N/SO CM TTC=310.83K
R= 2.576 CM PWALL= 1.3083 N/SO CM CF= .00225 PI = .917
UE= 534.7 M/SEC RHOE=.00841 KG/CUB M RE= 12.663E6 /M
DELTA= .305 CM DELTA*= .0806 CM THETA= .0227 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.130123	.000000	1.000000	.541819	.000000
2	.012700	.247226	.607164	1.000000	.651936	1.008057
3	.025400	.278169	.651347	1.000000	.672553	1.098378
4	.038100	.306840	.689021	1.000000	.692440	1.178961
5	.050800	.333063	.719895	1.000000	.710538	1.247782
6	.063500	.359460	.747753	1.000000	.728433	1.312288
7	.076200	.386208	.773224	1.000000	.746241	1.373476
8	.088900	.412780	.796775	1.000000	.764069	1.432115
9	.101600	.437605	.816913	1.000000	.780456	1.483974
10	.114300	.464352	.837112	1.000000	.798052	1.537713
11	.127000	.488302	.854031	1.000000	.813766	1.584162
12	.139700	.514001	.871094	1.000000	.830590	1.632430
13	.152400	.541273	.888348	1.000000	.848686	1.682801
14	.165100	.570293	.905316	1.000000	.867637	1.733984
15	.177800	.600712	.921986	1.000000	.887472	1.785985
16	.190500	.627109	.935618	1.000000	.904665	1.829864
17	.203200	.656829	.950125	1.000000	.924002	1.877991
18	.215900	.679905	.960825	1.000000	.939005	1.914497
19	.228600	.701233	.970310	1.000000	.952863	1.947609
20	.241300	.720288	.978475	1.000000	.965239	1.976710
21	.254000	.734798	.984507	1.000000	.974659	1.998578
22	.266700	.749483	.990456	1.000000	.984189	2.020461
23	.279400	.759098	.994269	1.000000	.990428	2.034659
24	.292100	.767665	.997614	1.000000	.995985	2.047223
25	.304800	.773958	1.000040	1.000000	1.000068	2.056403
26	.317500	.779377	1.002109	1.000000	1.003583	2.064275
27	.330200	.783049	1.003499	1.000000	1.005964	2.069590
28	.342900	.786195	1.004684	1.000000	1.008005	2.074135
29	.355600	.789692	1.005994	1.000000	1.010272	2.079173
30	.368300	.790566	1.006320	1.000000	1.010839	2.080430
31	.381000	.792314	1.006971	1.000000	1.011972	2.082943
32	.393700	.793188	1.007296	1.000000	1.012539	2.084198
33	.406400	.794237	1.007685	1.000000	1.013219	2.085703
34	.419100	.795286	1.008073	1.000000	1.013900	2.087207
35	.431800	.797908	1.009041	1.000000	1.015600	2.090963
36	.444500	.798608	1.009299	1.000000	1.016053	2.091963
37	.457200	.799307	1.009556	1.000000	1.016507	2.092963
38	.469900	.800531	1.010005	1.000000	1.017300	2.094711
39	.482600	.801055	1.010387	1.000000	1.017976	2.096199
40	.495300	.801929	1.010707	1.000000	1.018543	2.097447
41	.508000	.802978	1.011090	1.000000	1.019223	2.098944
42	.533400	.804377	1.011601	1.000000	1.020131	2.100937
43	.558800	.805950	1.012173	1.000000	1.021152	2.103178

STATION X= 4.01 CM PT0= 10.054 N/SQ CM TT0=310.83K
R= 2.576 CM PWALL= 1.7860 N/SQ CM CF= .00231 PI[illegible]=1.097
UE= 478.9 M/SEC RHOE=.00983 KG/CUB M RE= 11.580E6 /M
DELTA= .279 CM DELTA*= .0716 CM THETA= .0239 CM

I	Y(CM)	PT/PT0	U/UE	TT/TT0	RHO/RHOE	M
1	.000000	.177637	.000000	1.000000	.632471	.000000
2	.012700	.260163	.530121	1.000000	.705321	.758889
3	.025400	.291455	.599111	1.000000	.728585	.871681
4	.038100	.317329	.644700	1.000000	.746507	.949477
5	.050800	.350020	.694594	1.000000	.768792	1.038115
6	.063500	.386907	.735426	1.000000	.789384	1.113765
7	.076200	.418549	.768988	1.000000	.808100	1.178317
8	.088900	.454562	.803683	1.000000	.829350	1.247567
9	.101600	.489701	.834064	1.000000	.849726	1.310537
10	.114300	.521169	.858781	1.000000	.867652	1.363532
11	.127000	.554734	.883202	1.000000	.886670	1.417591
12	.139700	.588649	.906461	1.000000	.906103	1.470781
13	.152400	.615396	.923434	1.000000	.921168	1.510725
14	.165100	.624137	.928787	1.000000	.926083	1.523531
15	.177800	.620466	.926550	1.000000	.924019	1.518167
16	.190500	.622040	.927511	1.000000	.924904	1.520468
17	.203200	.636399	.936441	1.000000	.933253	1.542021
18	.215900	.657004	.948127	1.000000	.944534	1.570673
19	.228600	.680604	.961302	1.000000	.957758	1.603606
20	.241300	.704030	.973837	1.000000	.970866	1.635596
21	.254000	.722037	.983130	1.000000	.980930	1.659741
22	.266700	.740567	.992686	1.000000	.991601	1.684963
23	.279400	.755602	1.000000	1.000000	1.000000	1.704552
24	.292100	.767339	1.005822	1.000000	1.006832	1.720322
25	.304800	.775357	1.009342	1.000000	1.011028	1.729935
26	.317500	.783223	1.012980	1.000000	1.015417	1.739935
27	.330200	.788993	1.015619	1.000000	1.018635	1.747231
28	.342900	.791615	1.016811	1.000000	1.020098	1.750536
29	.355600	.794412	1.018077	1.000000	1.021657	1.754055
30	.368300	.797034	1.019258	1.000000	1.023120	1.757347
31	.381000	.799482	1.020357	1.000000	1.024484	1.760414
32	.393700	.800380	1.020982	1.000000	1.025264	1.762164
33	.406400	.801929	1.021451	1.000000	1.025849	1.763475
34	.419100	.803352	1.022308	1.000000	1.026921	1.765877
35	.431800	.805426	1.023007	1.000000	1.027798	1.767839
36	.444500	.806300	1.023395	1.000000	1.028285	1.768928
37	.457200	.806649	1.023550	1.000000	1.028480	1.769363
38	.469900	.807873	1.024091	1.000000	1.029162	1.770887
39	.482600	.807873	1.024091	1.000000	1.029162	1.770887
40	.495300	.808747	1.024478	1.000000	1.029650	1.771974
41	.508000	.808747	1.024478	1.000000	1.029650	1.771974
42	.533400	.809971	1.025017	1.000000	1.030332	1.773495
43	.558800	.811195	1.025556	1.000000	1.031014	1.775014

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STATION X= 4.27 CM PTO= 10.054 N/SQ CM TTO=310.83K
R= 2.576 CM PWALL= 2.1176 N/SQ CM CF= .00165 PI =2.296
UE= 457.5 M/SEC RHOE=.01110 KG/CUB M RE= 11.966E6 /M
DELTA= .219 CM DELTA*= .0722 CM THETA= .0234 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.210621	.000000	1.000000	.664574	.000000
2	.012700	.264184	.432305	1.000000	.709021	.578271
3	.025400	.290232	.510848	1.000000	.728328	.692576
4	.038100	.311735	.562098	1.000000	.743354	.769876
5	.050800	.339151	.615991	1.000000	.761494	.853923
6	.063500	.373621	.671082	1.000000	.782828	.943235
7	.076200	.409284	.720277	1.000000	.804587	1.026354
8	.088900	.446695	.757408	1.000000	.822923	1.091494
9	.101600	.482883	.793066	1.000000	.842264	1.156232
10	.114300	.519595	.825202	1.000000	.861306	1.216608
11	.127000	.556482	.854826	1.000000	.880353	1.274141
12	.139700	.598089	.885421	1.000000	.901685	1.335638
13	.152400	.629732	.906718	1.000000	.917624	1.379799
14	.165100	.670814	.932847	1.000000	.938516	1.435630
15	.177800	.704205	.952428	1.000000	.955220	1.478752
16	.190500	.735323	.969686	1.000000	.970745	1.517732
17	.203200	.763119	.984366	1.000000	.984583	1.551652
18	.215900	.789342	.997630	1.000000	.997616	1.582934
19	.228600	.809272	1.007356	1.000000	1.007509	1.606272
20	.241300	.825530	1.015076	1.000000	1.015572	1.625046
21	.254000	.833047	1.018583	1.000000	1.019298	1.633649
22	.266700	.835495	1.019717	1.000000	1.020511	1.636439
23	.279400	.822553	1.013679	1.000000	1.014099	1.621631
24	.292100	.795985	1.000905	1.000000	1.000915	1.590754
25	.304800	.769588	.987689	1.000000	.987800	1.559431
26	.317500	.752106	.978628	1.000000	.979103	1.538309
27	.330200	.747560	.976231	1.000000	.976840	1.532765
28	.342900	.749308	.977155	1.000000	.977711	1.534900
29	.355600	.755427	.980370	1.000000	.980756	1.542346
30	.368300	.762770	.984186	1.000000	.984409	1.551230
31	.381000	.770112	.987957	1.000000	.988061	1.560060
32	.393700	.778154	.992036	1.000000	.992058	1.569669
33	.406400	.784797	.995370	1.000000	.995359	1.577560
34	.419100	.791440	.998668	1.000000	.998658	1.585408
35	.431800	.794936	1.000390	1.000000	1.000394	1.589522
36	.444500	.799482	1.002616	1.000000	1.002651	1.594854
37	.457200	.802803	1.004232	1.000000	1.004299	1.598737
38	.469900	.805426	1.005502	1.000000	1.005601	1.601797
39	.482600	.807174	1.006346	1.000000	1.006468	1.603833
40	.495300	.809097	1.007272	1.000000	1.007422	1.606069
41	.508000	.810495	1.007944	1.000000	1.008116	1.607693
42	.533400	.813292	1.009283	1.000000	1.009504	1.610937
43	.558800	.815041	1.010117	1.000000	1.010371	1.612960

STATION X= 4.52 CM PTO= 10.054 N/SQ CM TTO=310.83K
R= 2.576 CM PWALL= 2.3066 N/SQ CM CF= .00145 PI =2.728
UE= 446.9 M/SEC RHOE=.01181 KG/CUB M RE= 12.208E6 /M
DELTA= .228 CM DELTA*= .0780 CM THETA= .0254 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.229415	.000000	1.000000	.679915	.000000
2	.012700	.276771	.403848	1.000000	.717364	.524780
3	.025400	.300546	.481665	1.000000	.734456	.633312
4	.038100	.317154	.525458	1.000000	.745830	.696223
5	.050800	.338832	.573936	1.000000	.760053	.767671
6	.063500	.365929	.624632	1.000000	.776945	.844714
7	.076200	.397746	.674184	1.000000	.795675	.922648
8	.088900	.432535	.719528	1.000000	.814967	.996570
9	.101600	.470995	.759860	1.000000	.834060	1.064688
10	.114300	.510679	.798221	1.000000	.854105	1.131798
11	.127000	.547916	.830453	1.000000	.872522	1.190127
12	.139700	.586551	.860810	1.000000	.891319	1.246850
13	.152400	.625711	.889154	1.000000	.910264	1.301520
14	.165100	.664521	.914817	1.000000	.928688	1.352568
15	.177800	.702282	.938074	1.000000	.946521	1.400207
16	.190500	.734624	.957175	1.000000	.962040	1.440384
17	.203200	.767315	.975130	1.000000	.977398	1.479069
18	.215900	.795111	.989680	1.000000	.990426	1.511109
19	.228600	.816789	1.000604	1.000000	1.000569	1.535592
20	.241300	.835320	1.009666	1.000000	1.009229	1.556190
21	.254000	.851578	1.017417	1.000000	1.016820	1.574023
22	.266700	.860843	1.021754	1.000000	1.021143	1.584089
23	.279400	.869235	1.025633	1.000000	1.025056	1.593147
24	.292100	.873430	1.027555	1.000000	1.027012	1.597655
25	.304800	.876402	1.028910	1.000000	1.028398	1.600840
26	.317500	.879025	1.030101	1.000000	1.029620	1.603645
27	.330200	.879724	1.030417	1.000000	1.029946	1.604392
28	.342900	.880773	1.030892	1.000000	1.030434	1.605512
29	.355600	.880248	1.030655	1.000000	1.030190	1.604952
30	.368300	.879549	1.030338	1.000000	1.029864	1.604205
31	.381000	.879549	1.030338	1.000000	1.029864	1.604205
32	.393700	.878325	1.029784	1.000000	1.029294	1.602898
33	.406400	.872556	1.027155	1.000000	1.026605	1.596717
34	.419100	.857872	1.020369	1.000000	1.019756	1.580869
35	.431800	.833222	1.008652	1.000000	1.008249	1.553873
36	.444500	.807698	.996066	1.000000	.996317	1.525377
37	.457200	.785671	.984809	1.000000	.986004	1.500312
38	.469900	.779028	.981338	1.000000	.982891	1.492662
39	.482600	.778329	.980971	1.000000	.982563	1.491854
40	.495300	.781650	.982713	1.000000	.984120	1.495687
41	.508000	.785846	.984900	1.000000	.986086	1.500512
42	.533400	.797034	.990664	1.000000	.991326	1.513298
43	.558800	.805251	.994834	1.000000	.995172	1.522614

STATION X= 4.78 CM PTO= 10.054 N/SQ CM TTO=310.83K

R= 2.576 CM PWALL= 2.4571 N/SQ CM CF= .00138 PI[illegible]=2.864

UE= 444.4 M/SEC RHOE=.01252 KG/CUB M RE= 12.803E6 /M

DELTA= .247 CM DELTA*= .0845 CM THETA= .0277 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.244390	.000000	1.000000	.683562	.000000
2	.012700	.296525	.412139	1.000000	.722390	.532930
3	.025400	.315406	.471312	1.000000	.735243	.614844
4	.038100	.330440	.510848	1.000000	.745091	.670867
5	.050800	.347223	.549284	1.000000	.755712	.726468
6	.063500	.372222	.598275	1.000000	.770874	.799160
7	.076200	.396697	.639108	1.000000	.785028	.861504
8	.088900	.426941	.682364	1.000000	.801682	.929518
9	.101600	.463653	.729429	1.000000	.821951	1.006113
10	.114300	.500190	.762601	1.000000	.837727	1.061914
11	.127000	.538301	.797607	1.000000	.855854	1.122611
12	.139700	.582006	.833944	1.000000	.876441	1.187788
13	.152400	.619243	.861808	1.000000	.893571	1.239412
14	.165100	.664521	.892544	1.000000	.913957	1.298176
15	.177800	.700184	.915403	1.000000	.930222	1.343217
16	.190500	.736721	.936994	1.000000	.946525	1.386895
17	.203200	.770287	.955705	1.000000	.961444	1.425695
18	.215900	.802803	.973281	1.000000	.976174	1.462994
19	.228600	.830075	.987075	1.000000	.988251	1.492879
20	.241300	.849305	.996475	1.000000	.996752	1.513564
21	.254000	.865039	1.003975	1.000000	1.003701	1.530261
22	.266700	.876402	1.009289	1.000000	1.008715	1.542199
23	.279400	.886717	1.014040	1.000000	1.013264	1.552949
24	.292100	.892136	1.016510	1.000000	1.015653	1.558565
25	.304800	.896856	1.018646	1.000000	1.017733	1.563439
26	.317500	.898080	1.019197	1.000000	1.018272	1.564700
27	.330200	.899653	1.019905	1.000000	1.018966	1.566319
28	.342900	.900178	1.020141	1.000000	1.019197	1.566859
29	.355600	.900702	1.020376	1.000000	1.019428	1.567398
30	.368300	.900702	1.020376	1.000000	1.019428	1.567398
31	.381000	.901052	1.020533	1.000000	1.019582	1.567758
32	.393700	.901227	1.020611	1.000000	1.019659	1.567937
33	.406400	.901227	1.020611	1.000000	1.019659	1.567937
34	.419100	.901227	1.020611	1.000000	1.019659	1.567937
35	.431800	.901227	1.020611	1.000000	1.019659	1.567937
36	.444500	.901227	1.020611	1.000000	1.019659	1.567937
37	.457200	.900877	1.020455	1.000000	1.019505	1.567578
38	.469900	.900353	1.020219	1.000000	1.019274	1.567039
39	.482600	.899304	1.019748	1.000000	1.018812	1.565960
40	.495300	.898080	1.019197	1.000000	1.018272	1.564700
41	.508000	.898605	1.019433	1.000000	1.018503	1.565240
42	.533400	.896507	1.018488	1.000000	1.017579	1.563078
43	.558800	.881472	1.011633	1.000000	1.010951	1.547493

STATION X= 5.03 CM PTO= 10.054 N/SQ CM TTO=310.83K
R= 2.576 CM PWALL= 2.5634 N/SQ CM CF= .00137 PI =2.875
UE= 439.1 M/SEC RHOE=.01292 KG/CUB M RE= 12.934E6 /M
DELTA= .259 CM DELTA*= .0875 CM THETA= .0292 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.254963	.000000	1.000000	.691090	.000000
2	.012700	.307189	.409687	1.000000	.728881	.522895
3	.025400	.327643	.473134	1.000000	.742430	.609460
4	.038100	.342328	.511242	1.000000	.751789	.662686
5	.050800	.357712	.546361	1.000000	.761291	.712670
6	.063500	.377816	.586569	1.000000	.773278	.771118
7	.076200	.399669	.624637	1.000000	.785801	.827785
8	.088900	.427990	.667323	1.000000	.801323	.893045
9	.101600	.457709	.705947	1.000000	.816842	.953838
10	.114300	.493372	.748733	1.000000	.835836	1.023343
11	.127000	.530434	.779880	1.000000	.850973	1.075522
12	.139700	.573265	.817092	1.000000	.870654	1.139798
13	.152400	.609802	.845984	1.000000	.887245	1.191290
14	.165100	.651409	.875928	1.000000	.905767	1.246264
15	.177800	.693891	.903744	1.000000	.924292	1.298924
16	.190500	.727281	.924593	1.000000	.939081	1.339479
17	.203200	.762770	.945089	1.000000	.954434	1.380319
18	.215900	.793538	.961936	1.000000	.967697	1.414652
19	.228600	.820285	.976319	1.000000	.979509	1.444541
20	.241300	.842662	.987626	1.000000	.989126	1.468426
21	.254000	.860843	.996547	1.000000	.996928	1.487522
22	.266700	.877626	1.004581	1.000000	1.004121	1.504914
23	.279400	.883745	1.007463	1.000000	1.006742	1.511201
24	.292100	.893360	1.011945	1.000000	1.010859	1.521022
25	.304800	.897730	1.013962	1.000000	1.012729	1.525464
26	.317500	.902276	1.016048	1.000000	1.014673	1.530068
27	.330200	.902800	1.016287	1.000000	1.014898	1.530599
28	.342900	.904898	1.017245	1.000000	1.015795	1.532718
29	.355600	.905772	1.017643	1.000000	1.016169	1.533600
30	.368300	.909094	1.019152	1.000000	1.017589	1.536947
31	.381000	.909094	1.019152	1.000000	1.017589	1.536947
32	.393700	.909618	1.019390	1.000000	1.017814	1.537475
33	.406400	.909793	1.019469	1.000000	1.017889	1.537651
34	.419100	.911192	1.020102	1.000000	1.018487	1.539057
35	.431800	.911366	1.020181	1.000000	1.018561	1.539233
36	.444500	.910492	1.019785	1.000000	1.018188	1.538354
37	.457200	.910842	1.019943	1.000000	1.018337	1.538706
38	.469900	.911192	1.020102	1.000000	1.018487	1.539057
39	.482600	.911891	1.020417	1.000000	1.018786	1.539760
40	.495300	.911891	1.020417	1.000000	1.018786	1.539760
41	.508000	.911366	1.020181	1.000000	1.018561	1.539233
42	.533400	.911891	1.020417	1.000000	1.018786	1.539760
43	.558800	.909443	1.019310	1.000000	1.017739	1.537299

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STATION X= 5.54 CM PTO= 10.054 N/SQ CM TTO=310.83K
R= 2.576 CM PWALL= 2.6649 N/SQ CM CF= .00149 PI[illegible]=2.520
UE= 438.7 M/SEC RHOE=.01342 KG/CUB M RE= 13.419E6 /M
DELTA= .280 CM DELTA*= .0894 CM THETA= .0307 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.265060	.000000	1.000000	.691563	.000000
2	.012700	.328168	.438086	1.000000	.735076	.560891
3	.025400	.351419	.500996	1.000000	.749594	.647739
4	.038100	.366453	.535337	1.000000	.758620	.696293
5	.050800	.382886	.568681	1.000000	.768188	.744312
6	.063500	.401942	.603010	1.000000	.778922	.794739
7	.076200	.422395	.635732	1.000000	.790047	.843827
8	.088900	.446521	.669953	1.000000	.802685	.896334
9	.101600	.474317	.704713	1.000000	.816655	.951009
10	.114300	.500540	.733832	1.000000	.829308	.997947
11	.127000	.530434	.765020	1.000000	.843899	1.049471
12	.139700	.567845	.794835	1.000000	.858934	1.100043
13	.152400	.608753	.827828	1.000000	.876919	1.157638
14	.165100	.649836	.857761	1.000000	.894571	1.211509
15	.177800	.690394	.885146	1.000000	.911937	1.262263
16	.190500	.730428	.910297	1.000000	.929000	1.310219
17	.203200	.766790	.931380	1.000000	.944190	1.351479
18	.215900	.798608	.948842	1.000000	.957427	1.386434
19	.228600	.831998	.966274	1.000000	.971274	1.422080
20	.241300	.852977	.977170	1.000000	.980265	1.444757
21	.254000	.874305	.987555	1.000000	.989089	1.466668
22	.266700	.885843	.993046	1.000000	.993856	1.478372
23	.279400	.900528	.999909	1.000000	.999919	1.493124
24	.292100	.906646	1.002729	1.000000	1.002444	1.499223
25	.304800	.911716	1.005048	1.000000	1.004535	1.504257
26	.317500	.915387	1.006717	1.000000	1.006048	1.507890
27	.330200	.916611	1.007272	1.000000	1.006553	1.509099
28	.342900	.918184	1.007984	1.000000	1.007201	1.510652
29	.355600	.920282	1.008931	1.000000	1.008066	1.512720
30	.368300	.919758	1.008694	1.000000	1.007850	1.512203
31	.381000	.920981	1.009246	1.000000	1.008354	1.513408
32	.393700	.921156	1.009324	1.000000	1.008426	1.513580
33	.406400	.921156	1.009324	1.000000	1.008426	1.513580
34	.419100	.921331	1.009403	1.000000	1.008498	1.513753
35	.431800	.921506	1.009482	1.000000	1.008571	1.513925
36	.444500	.920807	1.009167	1.000000	1.008282	1.513236
37	.457200	.919758	1.008694	1.000000	1.007850	1.512203
38	.469900	.919058	1.008379	1.000000	1.007562	1.511514
39	.482600	.918359	1.008063	1.000000	1.007274	1.510824
40	.495300	.917485	1.007668	1.000000	1.006913	1.509962
41	.508000	.916611	1.007272	1.000000	1.006553	1.509099
42	.533400	.913639	1.005923	1.000000	1.005328	1.506161
43	.558800	.910317	1.004410	1.000000	1.003958	1.502870

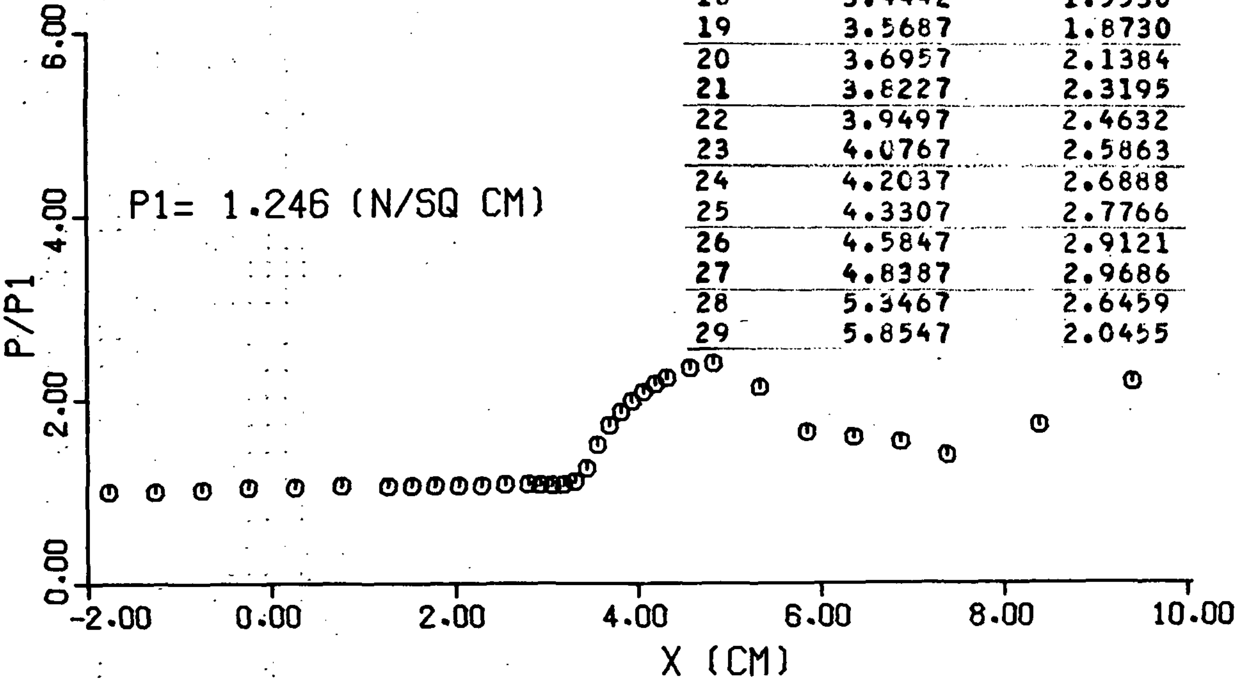
STATION X= 6.05 CM PTO= 10.054 N/SQ CM TTO=310.83K
R= 2.576 CM PWALL= 2.3583 N/SQ CM CF= .00210 PI =1.384
UE= 451.3 M/SEC RHOE=.01219 KG/CUB M RE= 12.822E6 /M
DELTA= .290 CM DELTA*= .0758 CM THETA= .0272 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.234566	.000000	1.000000	.673612	.000000
2	.012700	.335685	.546111	1.000000	.746253	.734295
3	.025400	.375019	.620016	1.000000	.770256	.846969
4	.038100	.392851	.647879	1.000000	.780543	.890923
5	.050800	.409459	.671449	1.000000	.789837	.928813
6	.063500	.427990	.695471	1.000000	.799889	.968146
7	.076200	.445996	.719715	1.000000	.810668	1.008622
8	.088900	.471345	.744044	1.000000	.822169	1.050088
9	.101600	.497218	.767596	1.000000	.833998	1.091094
10	.114300	.523966	.792020	1.000000	.847036	1.134577
11	.127000	.551762	.815282	1.000000	.860236	1.176964
12	.139700	.583055	.839832	1.000000	.875056	1.222804
13	.152400	.616795	.864535	1.000000	.890962	1.270162
14	.165100	.654206	.890001	1.000000	.908485	1.320371
15	.177800	.693366	.914429	1.000000	.926461	1.369968
16	.190500	.720813	.930562	1.000000	.939008	1.403547
17	.203200	.750183	.947378	1.000000	.952696	1.439286
18	.215900	.777629	.962069	1.000000	.965194	1.471161
19	.228600	.803503	.975351	1.000000	.976951	1.500528
20	.241300	.816439	.981798	1.000000	.982822	1.514979
21	.254000	.833397	.990064	1.000000	.990510	1.533696
22	.266700	.840390	.993413	1.000000	.993678	1.541343
23	.279400	.850354	.998127	1.000000	.998190	1.552170
24	.292100	.854900	1.000255	1.000000	1.000247	1.557081
25	.304800	.858396	1.001883	1.000000	1.001830	1.560848
26	.317500	.859795	1.002532	1.000000	1.002462	1.562352
27	.330200	.861543	1.003341	1.000000	1.003253	1.564230
28	.342900	.862242	1.003664	1.000000	1.003570	1.564980
29	.355600	.862242	1.003664	1.000000	1.003570	1.564980
30	.368300	.861543	1.003341	1.000000	1.003253	1.564230
31	.381000	.862242	1.003664	1.000000	1.003570	1.564980
32	.393700	.860494	1.002855	1.000000	1.002779	1.563103
33	.406400	.860669	1.002936	1.000000	1.002858	1.563291
34	.419100	.859969	1.002613	1.000000	1.002541	1.562540
35	.431800	.859620	1.002451	1.000000	1.002383	1.562164
36	.444500	.859620	1.002451	1.000000	1.002383	1.562164
37	.457200	.859620	1.002451	1.000000	1.002383	1.562164
38	.469900	.859620	1.002451	1.000000	1.002383	1.562164
39	.482600	.859620	1.002451	1.000000	1.002383	1.562164
40	.495300	.859620	1.002451	1.000000	1.002383	1.562164
41	.508000	.859620	1.002451	1.000000	1.002383	1.562164
42	.533400	.860343	1.003017	1.000000	1.002937	1.563479
43	.558800	.861543	1.003341	1.000000	1.003253	1.564230

ID NO. 12215-001

PTO= 10.1416 N/SQ CM
TTO= 301.6667 K
PBAR= 764.6000 MMHG
TMAN= 298.9444 K

I	X(CM)	P(N/SQ CM)
1	-1.7628	1.2457
2	-1.2548	1.2461
3	-.7468	1.2708
4	-.2388	1.2985
5	.2692	1.2989
6	.7772	1.3191
7	1.2852	1.3143
8	1.5392	1.3184
9	1.7932	1.3184
10	2.0472	1.3184
11	2.3012	1.3184
12	2.5552	1.3366
13	2.8092	1.3383
14	2.9362	1.3318
15	3.0632	1.3277
16	3.1902	1.3332
17	3.3172	1.3757
18	3.4442	1.5530
19	3.5687	1.8730
20	3.6957	2.1384
21	3.8227	2.3195
22	3.9497	2.4632
23	4.0767	2.5863
24	4.2037	2.6888
25	4.3307	2.7766
26	4.5847	2.9121
27	4.8387	2.9686
28	5.3467	2.6459
29	5.8547	2.0455



ID NO. 12215 -001

STATION X= 2.57 CM PTO= 10.070 N/SQ CM TTO=305.33K
R= 2.575 CM PWALL= 1.3367 N/SQ CM CF= .00295 PT[illegible]= .841
UE= 511.1 M/SEC RHOE=.00826 KG/CUB M RE= 11.473E6 /M
DELTA= .277 CM DELTA*= .0700 CM THETA= .0210 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.132738	.000000	1.000000	.573859	.000000
2	.012700	.217560	.555856	1.000000	.650902	.870690
3	.025400	.277774	.666557	1.000000	.707916	1.080605
4	.038100	.311983	.713220	1.000000	.732707	1.176309
5	.050800	.337814	.744325	1.000000	.751236	1.243036
6	.063500	.367834	.776541	1.000000	.772344	1.314930
7	.076200	.394015	.801834	1.000000	.790440	1.373572
8	.088900	.411468	.817576	1.000000	.802446	1.411135
9	.101600	.442535	.844003	1.000000	.824004	1.476188
10	.114300	.467319	.863288	1.000000	.840944	1.525358
11	.127000	.490358	.880129	1.000000	.856550	1.569570
12	.139700	.511477	.894741	1.000000	.871017	1.608953
13	.152400	.537133	.911529	1.000000	.888441	1.655455
14	.165100	.558776	.925207	1.000000	.903412	1.694394
15	.177800	.578347	.937086	1.000000	.917020	1.729026
16	.190500	.604155	.951354	1.000000	.934159	1.771681
17	.203200	.624924	.962518	1.000000	.948211	1.805901
18	.215900	.642552	.971633	1.000000	.960129	1.834425
19	.228600	.659831	.980267	1.000000	.971804	1.861943
20	.241300	.672572	.986452	1.000000	.980409	1.881967
21	.254000	.684964	.992325	1.000000	.988774	1.901233
22	.266700	.693167	.996140	1.000000	.994311	1.913877
23	.279400	.702941	1.000609	1.000000	1.000906	1.928830
24	.292100	.708701	1.003206	1.000000	1.004792	1.937586
25	.304800	.713239	1.005233	1.000000	1.007853	1.944455
26	.317500	.716206	1.006550	1.000000	1.009854	1.948934
27	.330200	.718301	1.007474	1.000000	1.011257	1.952089
28	.342900	.720395	1.008396	1.000000	1.012679	1.955238
29	.355600	.721268	1.008779	1.000000	1.013268	1.956549
30	.368300	.721791	1.009008	1.000000	1.013621	1.957335
31	.381000	.722140	1.009161	1.000000	1.013856	1.957859
32	.393700	.722838	1.009467	1.000000	1.014327	1.958906
33	.406400	.723013	1.009543	1.000000	1.014445	1.959168
34	.419100	.722838	1.009467	1.000000	1.014327	1.958906
35	.431800	.722838	1.009467	1.000000	1.014327	1.958906
36	.444500	.722838	1.009467	1.000000	1.014327	1.958906
37	.457200	.722838	1.009467	1.000000	1.014327	1.958906
38	.469900	.722838	1.009467	1.000000	1.014327	1.958906
39	.482600	.722838	1.009467	1.000000	1.014327	1.958906
40	.495300	.722838	1.009467	1.000000	1.014327	1.958906
41	.508000	.722838	1.009467	1.000000	1.014327	1.958906
42	.533400	.722833	1.009467	1.000000	1.014327	1.958906
43	.558800	.722838	1.009467	1.000000	1.014327	1.958905

ID NO. 12215-003

STATION X= 2.82 CM PTO= 10.070 N/SQ CM TTO=305.33K
R= 2.978 CM PWALL= 1.3384 N/SQ CM CF= .00249 PI = .839
UE= 511.7 M/SEC RHOE=.00828 KG/CUB M RE= 11.544E6 /M
DELTA= .283 CM DELTA*= .0711 CM THETA= .0213 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.132903	.000000	1.000000	.572793	.000000
2	.012700	.213894	.545476	1.000000	.656205	.853298
3	.025400	.279520	.667566	1.000000	.707485	1.084323
4	.038100	.313030	.713098	1.000000	.731759	1.177983
5	.050800	.341829	.747344	1.000000	.752294	1.251756
6	.063500	.368532	.775772	1.000000	.771025	1.315450
7	.076200	.393142	.799528	1.000000	.787983	1.370560
8	.088900	.419148	.822727	1.000000	.805806	1.426188
9	.101600	.439219	.839787	1.000000	.819730	1.468329
10	.114300	.465574	.860413	1.000000	.837742	1.520786
11	.127000	.487391	.876441	1.000000	.852572	1.562767
12	.139700	.511651	.893268	1.000000	.869027	1.608067
13	.152400	.535737	.909035	1.000000	.885333	1.651732
14	.165100	.555459	.921574	1.000000	.898959	1.687354
15	.177800	.579874	.936059	1.000000	.915474	1.729545
16	.190500	.599093	.946918	1.000000	.928436	1.761952
17	.203200	.620037	.958279	1.000000	.942565	1.796608
18	.215900	.640283	.968814	1.000000	.956211	1.829460
19	.228600	.655642	.976529	1.000000	.966557	1.853978
20	.241300	.670478	.983767	1.000000	.976545	1.877345
21	.254000	.683743	.990068	1.000000	.985473	1.897986
22	.266700	.694389	.995014	1.000000	.992635	1.914387
23	.279400	.703465	.999154	1.000000	.998740	1.928254
24	.292100	.709743	1.001980	1.000000	1.002965	1.937795
25	.304800	.714984	1.004311	1.000000	1.006486	1.945708
26	.317500	.718126	1.005699	1.000000	1.008598	1.950441
27	.330200	.720220	1.006620	1.000000	1.010005	1.953589
28	.342900	.723188	1.007918	1.000000	1.012001	1.958040
29	.355600	.724235	1.008375	1.000000	1.012705	1.959609
30	.368300	.724409	1.008451	1.000000	1.012822	1.959870
31	.381000	.724758	1.008603	1.000000	1.013057	1.960392
32	.393700	.724933	1.008679	1.000000	1.013174	1.960654
33	.406400	.725631	1.008983	1.000000	1.013643	1.961698
34	.419100	.725631	1.008983	1.000000	1.013643	1.961698
35	.431800	.725631	1.008983	1.000000	1.013643	1.961698
36	.444500	.725631	1.008983	1.000000	1.013643	1.961698
37	.457200	.725631	1.008983	1.000000	1.013643	1.961698
38	.469900	.725631	1.008983	1.000000	1.013643	1.961698
39	.482600	.725631	1.008983	1.000000	1.013643	1.961698
40	.495300	.725631	1.008983	1.000000	1.013643	1.961698
41	.508000	.725631	1.008983	1.000000	1.013643	1.961698
42	.533400	.725107	1.008755	1.000000	1.013291	1.960915
43	.558800	.725107	1.008755	1.000000	1.013291	1.950915

STATION X= 3.07 CM PTJ= 10.070 N/SQ CM TTO=305.33K
R= 2.576 CM PWALL= 1.3278 N/SQ CM CF= .00246 PI[illegible]= .798
UE= 513.1 M/SEC RHOE=.00825 KG/CUB M RE= 11.568E6 /M
DELTA= .291 CM DELTA*= .0719 CM THETA= .0216 CM

I	Y(CM)	PT/PTJ	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.131393	.000000	1.000000	.570540	.000000
2	.012700	.215640	.552551	1.000000	.656638	.868637
3	.025400	.278821	.668263	1.000000	.705927	1.089257
4	.038100	.314776	.716788	1.000000	.732072	1.189790
5	.050800	.342003	.748567	1.000000	.751352	1.258796
6	.063500	.368183	.776328	1.000000	.769783	1.321394
7	.076200	.394189	.801294	1.000000	.787760	1.379722
8	.088900	.417577	.822080	1.000000	.803845	1.429892
9	.101600	.441663	.842379	1.000000	.820521	1.480410
10	.114300	.462607	.858709	1.000000	.834948	1.522224
11	.127000	.485295	.875414	1.000000	.850431	1.566159
12	.139700	.508335	.891428	1.000000	.866119	1.609453
13	.152400	.529977	.905684	1.000000	.880830	1.649019
14	.165100	.549002	.917900	1.000000	.894035	1.683742
15	.177800	.574484	.933134	1.000000	.911329	1.728162
16	.190500	.592286	.943288	1.000000	.923398	1.758497
17	.203200	.614976	.955690	1.000000	.938766	1.796383
18	.215900	.632953	.965117	1.000000	.950933	1.825819
19	.228600	.652675	.975077	1.000000	.964271	1.857555
20	.241300	.665416	.981311	1.000000	.972884	1.877762
21	.254000	.679379	.987972	1.000000	.982319	1.899650
22	.266700	.691597	.993657	1.000000	.990571	1.918592
23	.279400	.700498	.997719	1.000000	.996582	1.932271
24	.292100	.706258	1.000313	1.000000	1.000471	1.941069
25	.304800	.713414	1.003497	1.000000	1.005302	1.951944
26	.317500	.716032	1.004652	1.000000	1.007069	1.955907
27	.330200	.719173	1.006030	1.000000	1.009189	1.960651
28	.342900	.724409	1.008311	1.000000	1.012723	1.968533
29	.355600	.723886	1.008083	1.000000	1.012370	1.957746
30	.368300	.724584	1.008386	1.000000	1.012841	1.968795
31	.381000	.725456	1.008764	1.000000	1.013430	1.970105
32	.393700	.725456	1.008764	1.000000	1.013430	1.970105
33	.406400	.725980	1.008990	1.000000	1.013783	1.970891
34	.419100	.727202	1.009518	1.000000	1.014607	1.972723
35	.431800	.728074	1.009894	1.000000	1.015196	1.974030
36	.444500	.732438	1.011766	1.000000	1.018140	1.980555
37	.457200	.743434	1.016419	1.000000	1.025558	1.996899
38	.469900	.760014	1.023270	1.000000	1.036741	2.021289
39	.482600	.779737	1.031169	1.000000	1.050039	2.049913
40	.495300	.795270	1.037208	1.000000	1.060509	2.072172
41	.508000	.802950	1.040136	1.000000	1.065584	2.083087
42	.533400	.804695	1.040797	1.000000	1.066860	2.085559
43	.558800	.807488	1.041849	1.000000	1.058742	2.089509

ID NO. 12215-005

STATION X= 3.33 CM PTO= 10.070 N/SQ CM TTO=305.33K
R= 2.576 CM PWALL= 1.3758 N/SQ CM CF= .00214 PT = .944
UE= 527.7 M/SEC RHOE=.00894 KG/CUB M RE= 13.409E6 /M
DELTA= .362 CM DELTA*= .0944 CM THETA= .0270 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.136620	.000000	1.000000	.545752	.000000
2	.012700	.216687	.521357	1.000000	.622628	.839235
3	.025400	.276727	.632227	1.000000	.656826	1.053207
4	.038100	.313554	.681886	1.000000	.691886	1.157080
5	.050800	.337465	.709575	1.000000	.707585	1.217647
6	.063500	.364867	.738460	1.000000	.725456	1.283118
7	.076200	.388604	.761453	1.000000	.740884	1.337063
8	.088900	.412690	.782770	1.000000	.756236	1.388663
9	.101600	.434332	.800971	1.000000	.770211	1.434021
10	.114300	.459291	.820318	1.000000	.786016	1.483651
11	.127000	.481282	.836333	1.000000	.799900	1.525917
12	.139700	.503099	.851364	1.000000	.813543	1.566629
13	.152400	.527010	.866952	1.000000	.828574	1.609980
14	.165100	.544813	.878005	1.000000	.839347	1.641463
15	.177800	.567502	.891723	1.000000	.854346	1.681437
16	.190500	.590366	.904635	1.000000	.868573	1.720027
17	.203200	.608693	.914545	1.000000	.880145	1.750313
18	.215900	.627193	.924178	1.000000	.891716	1.780340
19	.228600	.648487	.934836	1.000000	.905024	1.814259
20	.241300	.661402	.941038	1.000000	.913091	1.834514
21	.254000	.679205	.949457	1.000000	.924205	1.862059
22	.266700	.691422	.955042	1.000000	.931829	1.880720
23	.279400	.710621	.963568	1.000000	.943804	1.909665
24	.292100	.731740	.972613	1.000000	.956969	1.940989
25	.304800	.755302	.982317	1.000000	.971551	1.975333
26	.317500	.776770	.990823	1.000000	.985021	2.006099
27	.330200	.792303	.996789	1.000000	.994591	2.028061
28	.342900	.796341	.998503	1.000000	.997516	2.034432
29	.355600	.799808	.999617	1.000000	.999353	2.038586
30	.368300	.802252	1.000530	1.000000	1.000884	2.042000
31	.381000	.806790	1.002217	1.000000	1.003708	2.048326
32	.393700	.808012	1.002669	1.000000	1.004468	2.050025
33	.406400	.809233	1.003120	1.000000	1.005228	2.051724
34	.419100	.811851	1.004083	1.000000	1.006857	2.055358
35	.431800	.814295	1.004979	1.000000	1.008378	2.058744
36	.444500	.814295	1.004979	1.000000	1.008378	2.058744
37	.457200	.814993	1.005234	1.000000	1.008812	2.059710
38	.469900	.816040	1.005616	1.000000	1.009464	2.061159
39	.482600	.816040	1.005616	1.000000	1.009464	2.061159
40	.495300	.817785	1.006252	1.000000	1.010550	2.063571
41	.508000	.818135	1.006379	1.000000	1.010767	2.064053
42	.533400	.819880	1.007012	1.000000	1.011853	2.066462
43	.558800	.822323	1.007897	1.000000	1.013373	2.069829

STATION X= 3.58 CM PTO= 10.070 N/SQ CM TTO=305.33K
R= 2.576 CM PWALL= 1.8731 N/SQ CM CF= .00174 PT[illegible]=2.077
UE= 461.4 M/SEC RHOE=.01017 KG/CUB M RE= 11.409E6 /M
DELTA= .232 CM DELTA*= .0748 CM THETA= .0241 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.135999	.000000	1.000000	.552579	.000000
2	.012700	.229254	.408613	1.000000	.692858	.554799
3	.025400	.262939	.520718	1.000000	.720535	.720993
4	.038100	.290864	.587610	1.000000	.741517	.825429
5	.050800	.318964	.641233	1.000000	.751418	.912701
6	.063500	.346017	.684049	1.000000	.779336	.985032
7	.076200	.372896	.721079	1.000000	.796524	1.049744
8	.088900	.405359	.756773	1.000000	.814741	1.114234
9	.101600	.433285	.786187	1.000000	.831095	1.169101
10	.114300	.469588	.821083	1.000000	.852235	1.236425
11	.127000	.504844	.851201	1.000000	.872156	1.296672
12	.139700	.533293	.874065	1.000000	.888421	1.343859
13	.152400	.564710	.897236	1.000000	.906001	1.393065
14	.165100	.592810	.917013	1.000000	.921950	1.436250
15	.177800	.623377	.937239	1.000000	.939232	1.481623
16	.190500	.651628	.954296	1.000000	.954626	1.520900
17	.203200	.679030	.970293	1.000000	.969793	1.558631
18	.215900	.701894	.983050	1.000000	.982427	1.589375
19	.228600	.723947	.997503	1.000000	.997353	1.624949
20	.241300	.746575	1.006573	1.000000	1.007068	1.647690
21	.254000	.763680	1.015125	1.000000	1.016486	1.669441
22	.266700	.777992	1.022394	1.000000	1.024696	1.688172
23	.279400	.793464	1.027400	1.000000	1.030462	1.701204
24	.292100	.797714	1.031754	1.000000	1.035553	1.712628
25	.304800	.801554	1.033543	1.000000	1.037565	1.717346
26	.317500	.806790	1.035965	1.000000	1.040546	1.723759
27	.330200	.810455	1.037649	1.000000	1.042552	1.728233
28	.342900	.811502	1.038129	1.000000	1.043138	1.729509
29	.355600	.812898	1.038767	1.000000	1.043906	1.731209
30	.368300	.813597	1.039085	1.000000	1.044289	1.732058
31	.381000	.816040	1.040197	1.000000	1.045633	1.735027
32	.393700	.816913	1.040594	1.000000	1.046113	1.736086
33	.406400	.817960	1.041068	1.000000	1.046689	1.737356
34	.419100	.819705	1.041858	1.000000	1.047649	1.739471
35	.431800	.821625	1.042724	1.000000	1.048704	1.741793
36	.444500	.822498	1.043117	1.000000	1.049184	1.742848
37	.457200	.824243	1.043901	1.000000	1.050143	1.744956
38	.469900	.825116	1.044292	1.000000	1.050623	1.746008
39	.482600	.825116	1.044292	1.000000	1.050623	1.746008
40	.495300	.825290	1.044370	1.000000	1.050719	1.746219
41	.508000	.825814	1.044605	1.000000	1.051007	1.746850
42	.533400	.826861	1.045073	1.000000	1.051582	1.748112
43	.558800	.828507	1.045852	1.000000	1.052542	1.750213

ID NO. 12215-007

STATION X= 3.84 CM PTO= 10.070 N/SQ CM TTO=305.33K
R= 2.978 CM PWALL= 2.3196 N/SQ CM CF= .00197 PI = 1.896
UE= 425.4 M/SEC RHOE=.01167 KG/CUB M RE= 11.303E6 /M
DELTA= .211 CM DELTA*= .0619 CM THETA= .0221 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.230337	.000000	1.000000	.704786	.000000
2	.012700	.300638	.498226	1.000000	.760517	.628790
3	.025400	.326295	.566416	1.000000	.778522	.723262
4	.038100	.343923	.605460	1.000000	.790314	.778951
5	.050800	.369056	.653335	1.000000	.806402	.849056
6	.063500	.398902	.701356	1.000000	.824519	.921645
7	.076200	.428747	.742280	1.000000	.841593	.985529
8	.088900	.458592	.780315	1.000000	.859237	1.046770
9	.101600	.489834	.808581	1.000000	.873354	1.093562
10	.114300	.525614	.843172	1.000000	.891998	1.152452
11	.127000	.563313	.875630	1.000000	.910987	1.209487
12	.139700	.600140	.904895	1.000000	.929468	1.262525
13	.152400	.641505	.935185	1.000000	.950084	1.319177
14	.165100	.682521	.962564	1.000000	.970144	1.372058
15	.177800	.713763	.982099	1.000000	.985355	1.410835
16	.190500	.732438	.993663	1.000000	.994736	1.434226
17	.203200	.742037	.999281	1.000000	.999398	1.445712
18	.215900	.744306	1.000596	1.000000	1.000500	1.448412
19	.228600	.750240	1.004013	1.000000	1.003380	1.455448
20	.241300	.756349	1.007495	1.000000	1.006343	1.462651
21	.254000	.767519	1.013776	1.000000	1.011757	1.475723
22	.266700	.781482	1.021473	1.000000	1.018518	1.491887
23	.279400	.794049	1.028258	1.000000	1.024598	1.506272
24	.292100	.803299	1.033169	1.000000	1.029069	1.516766
25	.304800	.808535	1.035919	1.000000	1.031599	1.522671
26	.317500	.813073	1.038285	1.000000	1.033791	1.527769
27	.330200	.816913	1.040274	1.000000	1.035545	1.532068
28	.342900	.819356	1.041534	1.000000	1.036825	1.534797
29	.355600	.819705	1.041714	1.000000	1.036994	1.535186
30	.368300	.821276	1.042521	1.000000	1.037752	1.536937
31	.381000	.822672	1.043237	1.000000	1.038426	1.538492
32	.393700	.824243	1.044040	1.000000	1.039184	1.540239
33	.406400	.826338	1.045109	1.000000	1.040195	1.542565
34	.419100	.827210	1.045553	1.000000	1.040616	1.543533
35	.431800	.828607	1.046263	1.000000	1.041290	1.545081
36	.444500	.829130	1.046528	1.000000	1.041542	1.545661
37	.457200	.829828	1.046882	1.000000	1.041879	1.546433
38	.469900	.831748	1.047854	1.000000	1.042805	1.548557
39	.482600	.832970	1.048471	1.000000	1.043395	1.549906
40	.495300	.833843	1.048911	1.000000	1.043816	1.550869
41	.508000	.834541	1.049262	1.000000	1.044153	1.551639
42	.533400	.836461	1.050227	1.000000	1.045079	1.553755
43	.558800	.838904	1.051451	1.000000	1.046257	1.556443

STATION X= 4.09 CM PTO= 10.070 N/SQ CM TTO=305.33K
R= 2.576 CM PWALL= 2.5864 N/SQ CM CF= .00143 PI =2.678
UE= 439.5 M/SEC RHOE=.01339 KG/CUB M RE= 13.723E6 /M
DELTA= .253 CM DELTA*= .0841 CM THETA= .0280 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.256831	.000000	1.000000	.684936	.000000
2	.012700	.312856	.417124	1.000000	.724661	.538508
3	.025400	.336069	.484477	1.000000	.739633	.631889
4	.038100	.352999	.525075	1.000000	.750092	.689665
5	.050800	.372372	.565341	1.000000	.761630	.748242
6	.063500	.399251	.613096	1.000000	.776949	.819567
7	.076200	.425082	.652350	1.000000	.790991	.879885
8	.088900	.457894	.695222	1.000000	.807975	.947724
9	.101600	.487391	.731147	1.000000	.823662	1.006326
10	.114300	.522298	.761141	1.000000	.837871	1.056606
11	.127000	.559997	.794785	1.000000	.855123	1.114612
12	.139700	.599966	.826706	1.000000	.872895	1.171363
13	.152400	.637142	.853920	1.000000	.889225	1.221189
14	.165100	.680950	.883539	1.000000	.908345	1.277058
15	.177800	.723013	.909864	1.000000	.926624	1.328274
16	.190500	.764901	.933904	1.000000	.944467	1.376433
17	.203200	.806441	.956201	1.000000	.962082	1.422377
18	.215900	.832795	.970005	1.000000	.973538	1.451476
19	.228600	.864212	.985366	1.000000	.986811	1.484479
20	.241300	.879222	.992467	1.000000	.993143	1.499966
21	.254000	.896152	1.000301	1.000000	1.000277	1.517227
22	.266700	.907671	1.005530	1.000000	1.005128	1.528850
23	.279400	.914129	1.008426	1.000000	1.007845	1.535325
24	.292100	.919365	1.010756	1.000000	1.010048	1.540553
25	.304800	.920761	1.011374	1.000000	1.010635	1.541944
26	.317500	.920761	1.011374	1.000000	1.010635	1.541944
27	.330200	.918492	1.010368	1.000000	1.009681	1.539683
28	.342900	.909416	1.006315	1.000000	1.005862	1.530603
29	.355600	.891265	.998058	1.000000	.998219	1.512266
30	.368300	.871193	.988687	1.000000	.989757	1.491704
31	.381000	.850598	.978794	1.000000	.981063	1.470278
32	.393700	.837159	.972180	1.000000	.975383	1.456109
33	.406400	.829479	.968342	1.000000	.972135	1.447944
34	.419100	.829479	.968342	1.000000	.972135	1.447944
35	.431800	.830352	.968781	1.000000	.972504	1.448874
36	.444500	.832097	.969655	1.000000	.973243	1.450733
37	.457200	.835064	.971138	1.000000	.974498	1.453887
38	.469900	.835414	.971312	1.000000	.974645	1.454258
39	.482600	.836286	.971746	1.000000	.975014	1.455184
40	.495300	.837682	.972440	1.000000	.975605	1.456664
41	.508000	.838730	.972960	1.000000	.976048	1.457773
42	.533400	.840475	.973824	1.000000	.976785	1.459619
43	.558800	.843093	.975116	1.000000	.977892	1.462384

ID NO. 12215-009

STATION X= 4.34 CM PTO= 10.070 N/SQ CM TTO=305.33K
R= 2.576 CM PWALL= 2.7767 N/SQ CM CF= .00128 PI [illegible]=3.079
UE= 430.2 M/SEC RHOE=.01410 KG/CUB M RE= 13.928E6 /M
DELTA= .266 CM DELTA*= .0908 CM THETA= .0304 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.275731	.000000	1.000000	.698043	.000000
2	.012700	.328564	.402233	1.000000	.733897	.506771
3	.025400	.345843	.455612	1.000000	.744723	.578241
4	.038100	.359980	.492862	1.000000	.753297	.629107
5	.050800	.377259	.532678	1.000000	.763455	.684500
6	.063500	.396458	.571303	1.000000	.774360	.739357
7	.076200	.421242	.614542	1.000000	.787893	.802235
8	.088900	.445502	.651329	1.000000	.800599	.857086
9	.101600	.475173	.690606	1.000000	.815484	.917180
10	.114300	.508509	.728921	1.000000	.831437	.977487
11	.127000	.548129	.770698	1.000000	.850503	1.045356
12	.139700	.580942	.794840	1.000000	.862599	1.085677
13	.152400	.620561	.826893	1.000000	.879661	1.140574
14	.165100	.665940	.860114	1.000000	.898830	1.199254
15	.177800	.707828	.888091	1.000000	.916253	1.250206
16	.190500	.749542	.913580	1.000000	.933240	1.297954
17	.203200	.787591	.935774	1.000000	.948964	1.340639
18	.215900	.827559	.957302	1.000000	.965110	1.383100
19	.228600	.857405	.972564	1.000000	.977125	1.413870
20	.241300	.880793	.984453	1.000000	.986830	1.438244
21	.254000	.895454	.991487	1.000000	.992720	1.452836
22	.266700	.914827	1.000569	1.000000	1.000493	1.471873
23	.279400	.924426	1.004983	1.000000	1.004340	1.481206
24	.292100	.930361	1.007684	1.000000	1.006718	1.486943
25	.304800	.935073	1.009814	1.000000	1.008605	1.491482
26	.317500	.936818	1.010599	1.000000	1.009304	1.493160
27	.330200	.939436	1.011774	1.000000	1.010352	1.495672
28	.342900	.939436	1.011774	1.000000	1.010352	1.495672
29	.355600	.940135	1.012087	1.000000	1.010632	1.496341
30	.368300	.941182	1.012555	1.000000	1.011051	1.497344
31	.381000	.941531	1.012711	1.000000	1.011191	1.497678
32	.393700	.942054	1.012945	1.000000	1.011400	1.498179
33	.406400	.942054	1.012945	1.000000	1.011400	1.498179
34	.419100	.942054	1.012945	1.000000	1.011400	1.498179
35	.431800	.942229	1.013023	1.000000	1.011470	1.498346
36	.444500	.942229	1.013023	1.000000	1.011470	1.498346
37	.457200	.941007	1.012477	1.000000	1.010981	1.497177
38	.469900	.941007	1.012477	1.000000	1.010981	1.497177
39	.482600	.939262	1.011696	1.000000	1.010282	1.495504
40	.495300	.935422	1.009971	1.000000	1.008745	1.491818
41	.508000	.924077	1.004823	1.000000	1.004201	1.480868
42	.533400	.883411	.985720	1.000000	.987882	1.440862
43	.558800	.853740	.970725	1.000000	.975651	1.410137

ID NO. 12215-010

STATION X= 4.60 CM PTO= 10.070 N/SQ CM TTO=305.33K
R= 2.576 CM PWALL= 2.9122 N/SQ CM CF= .00127 PI)=3.129
UE= 422.8 M/SEC RHOE=.01457 KG/CUB M RE= 13.971E6 /M
DELTA= .271 CM DELTA*= .0920 CM THETA= .0313 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.289182	.000000	1.000000	.708412	.000000
2	.012700	.340432	.395227	1.000000	.742218	.488472
3	.025400	.360329	.457054	1.000000	.754361	.569488
4	.038100	.374118	.493222	1.000000	.762499	.617858
5	.050800	.388604	.526939	1.000000	.770820	.663689
6	.063500	.408501	.567725	1.000000	.781896	.720179
7	.076200	.426827	.600856	1.000000	.791762	.767000
8	.088900	.451437	.640142	1.000000	.804545	.823718
9	.101600	.481107	.681326	1.000000	.819311	.884722
10	.114300	.510429	.716873	1.000000	.833278	.938782
11	.127000	.547605	.758968	1.000000	.851420	1.004668
12	.139700	.584956	.788348	1.000000	.865204	1.051972
13	.152400	.619688	.817601	1.000000	.879925	1.100251
14	.165100	.665242	.852176	1.000000	.898717	1.158959
15	.177800	.705036	.879626	1.000000	.914804	1.206950
16	.190500	.745528	.905685	1.000000	.931116	1.253737
17	.203200	.788987	.931742	1.000000	.948521	1.301807
18	.215900	.819356	.948661	1.000000	.960450	1.333754
19	.228600	.857056	.968616	1.000000	.975201	1.372227
20	.241300	.880094	.980289	1.000000	.984187	1.395147
21	.254000	.899119	.989649	1.000000	.991594	1.413759
22	.266700	.916921	.998572	1.000000	.998827	1.431700
23	.279400	.924950	1.002362	1.000000	1.001950	1.439378
24	.292100	.934026	1.006597	1.000000	1.005479	1.448003
25	.304800	.937691	1.008294	1.000000	1.006903	1.451470
26	.317500	.940309	1.009500	1.000000	1.007920	1.453941
27	.330200	.943276	1.010863	1.000000	1.009073	1.456736
28	.342900	.944672	1.011502	1.000000	1.009615	1.458049
29	.355600	.945371	1.011822	1.000000	1.009886	1.458705
30	.368300	.945894	1.012061	1.000000	1.010089	1.459197
31	.381000	.947989	1.013016	1.000000	1.010903	1.461162
32	.393700	.947989	1.013016	1.000000	1.010903	1.461162
33	.406400	.948338	1.013175	1.000000	1.011038	1.461490
34	.419100	.948338	1.013175	1.000000	1.011038	1.461490
35	.431800	.948338	1.013175	1.000000	1.011038	1.461490
36	.444500	.948687	1.013334	1.000000	1.011174	1.461817
37	.457200	.949908	1.013890	1.000000	1.011648	1.462962
38	.469900	.950781	1.014286	1.000000	1.011987	1.463779
39	.482600	.950781	1.014286	1.000000	1.011987	1.463779
40	.495300	.950781	1.014286	1.000000	1.011987	1.463779
41	.508000	.951479	1.014603	1.000000	1.012258	1.464432
42	.533400	.951479	1.014603	1.000000	1.012258	1.464432
43	.558800	.951479	1.014603	1.000000	1.012258	1.464432

STATION X= 4.85 CM PTO= 10.070 N/SQ CM TTO=305.3K
R= 2.576 CM PWALL= 2.9688 N/SQ CM CF= .00134 PI = 2.925
UE= 419.7 M/SEC RHOE=.01477 KG/CUB M RE= 13.985E6 /M
DELTA= .274 CM DELTA*= .0902 CM THETA= .0314 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.294801	.000000	1.000000	.712636	.000000
2	.012700	.350206	.408766	1.000000	.748580	.502181
3	.025400	.372896	.475373	1.000000	.762128	.589271
4	.038100	.387033	.510285	1.000000	.770274	.635920
5	.050800	.402567	.544413	1.000000	.778983	.682275
6	.063500	.419148	.576964	1.000000	.788018	.727249
7	.076200	.438172	.610366	1.000000	.798075	.774247
8	.088900	.462258	.647838	1.000000	.810371	.828085
9	.101600	.489311	.684851	1.000000	.823647	.882538
10	.114300	.518982	.720584	1.000000	.837618	.936428
11	.127000	.552841	.756455	1.000000	.852881	.991961
12	.139700	.588621	.792365	1.000000	.869513	1.049133
13	.152400	.627891	.820263	1.000000	.883449	1.094740
14	.165100	.667860	.850726	1.000000	.899765	1.145833
15	.177800	.713763	.882837	1.000000	.918312	1.201276
16	.190500	.754255	.908822	1.000000	.934422	1.247433
17	.203200	.794398	.932519	1.000000	.950041	1.290613
18	.215900	.829654	.952572	1.000000	.964002	1.328018
19	.228600	.858278	.967773	1.000000	.975066	1.356929
20	.241300	.882712	.980263	1.000000	.984484	1.381065
21	.254000	.901737	.989699	1.000000	.991803	1.399531
22	.266700	.918318	.997726	1.000000	.998171	1.415405
23	.279400	.926346	1.001550	1.000000	1.001252	1.423020
24	.292100	.934026	1.005169	1.000000	1.004197	1.430262
25	.304800	.939262	1.008001	1.000000	1.006521	1.435950
26	.317500	.942403	1.009462	1.000000	1.007727	1.438893
27	.330200	.945545	1.010918	1.000000	1.008932	1.441829
28	.342900	.947116	1.011643	1.000000	1.009535	1.443295
29	.355600	.946941	1.011563	1.000000	1.009468	1.443132
30	.368300	.948338	1.012207	1.000000	1.010004	1.444433
31	.381000	.949908	1.012929	1.000000	1.010606	1.445896
32	.393700	.950083	1.013010	1.000000	1.010673	1.446059
33	.406400	.950083	1.013010	1.000000	1.010673	1.446059
34	.419100	.950083	1.013010	1.000000	1.010673	1.446059
35	.431800	.950607	1.013250	1.000000	1.010874	1.446546
36	.444500	.949734	1.012849	1.000000	1.010539	1.445734
37	.457200	.949734	1.012849	1.000000	1.010539	1.445734
38	.469900	.949734	1.012849	1.000000	1.010539	1.445734
39	.482600	.949036	1.012528	1.000000	1.010271	1.445084
40	.495300	.948163	1.012126	1.000000	1.009937	1.444271
41	.508000	.947290	1.011724	1.000000	1.009602	1.443457
42	.533400	.944149	1.010272	1.000000	1.008396	1.440525
43	.558800	.942054	1.009300	1.000000	1.007593	1.438566

STATION X= 5.36 CM PTO= 10.070 N/SQ CM TTO=305.33K
R= 2.576 CM PWALL= 2.6461 N/SQ CM CF= .00201 PI =1.531
UE= 432.8 M/SEC RHOE=.01351 KG/CUB M RE= 13.484E6 /M
DELTA= .283 CM DELTA*= .0750 CM THETA= .0277 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.262756	.000000	1.000000	.694364	.000000
2	.012700	.362598	.536320	1.000000	.761292	.694214
3	.025400	.399251	.607144	1.000000	.782527	.796774
4	.038100	.415308	.633363	1.000000	.791393	.835876
5	.050800	.429620	.654831	1.000000	.799091	.868401
6	.063500	.449342	.681931	1.000000	.809405	.910158
7	.076200	.470810	.708667	1.000000	.820270	.952169
8	.088900	.493849	.734682	1.000000	.831543	.993882
9	.101600	.520378	.764448	1.000000	.845350	1.042700
10	.114300	.547605	.784799	1.000000	.855385	1.076794
11	.127000	.581116	.813434	1.000000	.870383	1.125825
12	.139700	.615499	.840611	1.000000	.885635	1.173589
13	.152400	.650406	.866002	1.000000	.900853	1.219381
14	.165100	.684266	.889111	1.000000	.915577	1.262109
15	.177800	.719522	.911690	1.000000	.930830	1.304895
16	.190500	.753033	.931571	1.000000	.945020	1.343476
17	.203200	.787067	.950677	1.000000	.959371	1.381400
18	.215900	.811502	.963780	1.000000	.969642	1.407917
19	.228600	.834192	.975895	1.000000	.979466	1.432819
20	.241300	.852518	.985105	1.000000	.987152	1.452005
21	.254000	.866830	.992132	1.000000	.993148	1.466796
22	.266700	.877651	.997351	1.000000	.997677	1.477871
23	.279400	.881665	.999268	1.000000	.999356	1.481956
24	.292100	.886552	1.001586	1.000000	1.001400	1.486913
25	.304800	.890217	1.003315	1.000000	1.002932	1.490619
26	.317500	.891963	1.004136	1.000000	1.003662	1.492380
27	.330200	.891963	1.004136	1.000000	1.003662	1.492380
28	.342900	.891963	1.004136	1.000000	1.003662	1.492380
29	.355600	.891963	1.004136	1.000000	1.003662	1.492380
30	.368300	.891963	1.004136	1.000000	1.003662	1.492380
31	.381000	.891963	1.004136	1.000000	1.003662	1.492380
32	.393700	.890916	1.003644	1.000000	1.003224	1.491324
33	.406400	.889345	1.002904	1.000000	1.002567	1.489737
34	.419100	.886727	1.001669	1.000000	1.001473	1.487090
35	.431800	.886203	1.001421	1.000000	1.001254	1.486560
36	.444500	.885680	1.001174	1.000000	1.001035	1.486029
37	.457200	.884458	1.000595	1.000000	1.000524	1.484791
38	.469900	.883585	1.000180	1.000000	1.000159	1.483906
39	.482600	.883585	1.000180	1.000000	1.000159	1.483906
40	.495300	.883236	1.000015	1.000000	1.000013	1.483551
41	.508000	.883236	1.000015	1.000000	1.000013	1.483551
42	.533400	.882712	.999766	1.000000	.999794	1.483020
43	.558800	.882712	.999766	1.000000	.999794	1.483020

ID NO. 12215-013

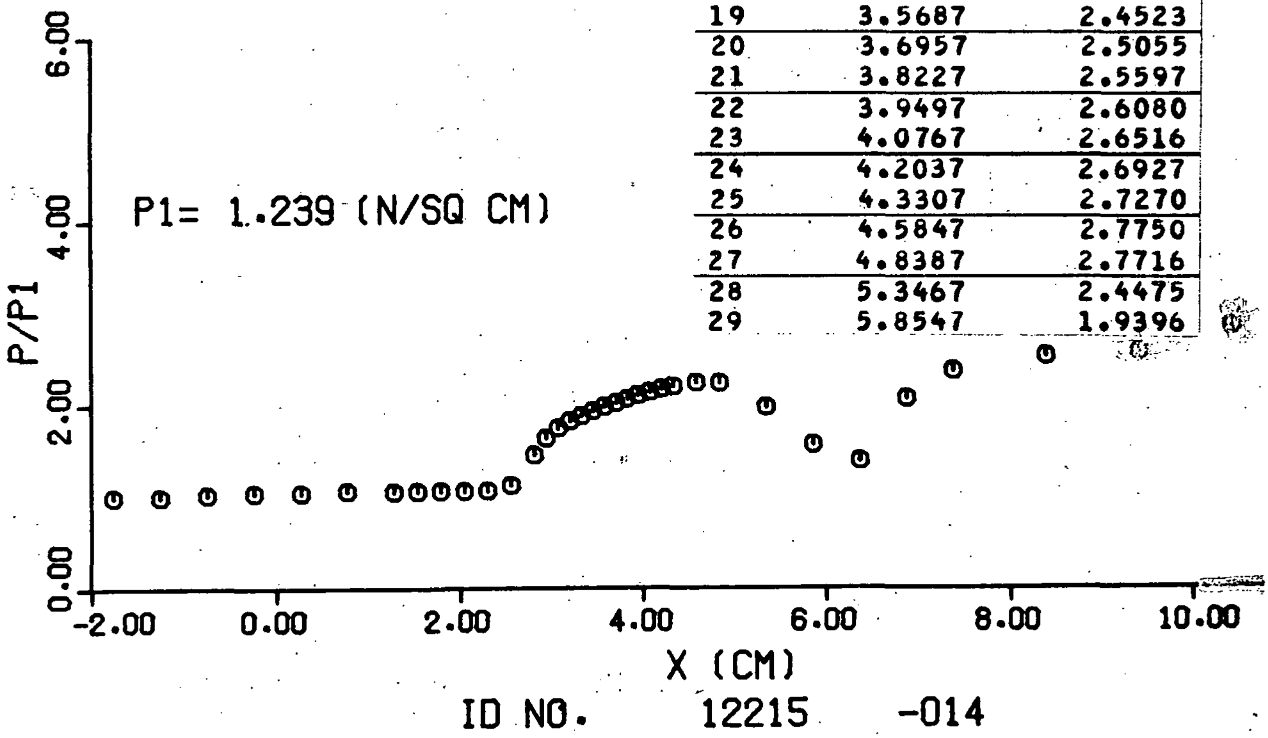
STATION X= 5.87 CM PTO= 10.070 N/SQ CM TTO=305.33K
R= 2.576 CM PWALL= 2.0456 N/SQ CM CF= .00249 PI = .722
UE= 472.1 M/SEC RHOE=.01139 KG/CUB M RE= 13.357E6 /M
DELTA= .349 CM DELTA*= .0739 CM THETA= .0261 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.203128	.000000	1.000000	.636473	.000000
2	.012700	.332055	.600311	1.000000	.732424	.868203
3	.025400	.410595	.705501	1.000000	.777076	1.050977
4	.038100	.431365	.728080	1.000000	.788403	1.092489
5	.050800	.450913	.747845	1.000000	.798897	1.129590
6	.063500	.464876	.761051	1.000000	.806227	1.154798
7	.076200	.483202	.777595	1.000000	.815790	1.186878
8	.088900	.501354	.792867	1.000000	.825010	1.217008
9	.101600	.519505	.807869	1.000000	.834452	1.247112
10	.114300	.542893	.825781	1.000000	.846254	1.283745
11	.127000	.563313	.841032	1.000000	.856782	1.315563
12	.139700	.586527	.857165	1.000000	.868425	1.349877
13	.152400	.611834	.873881	1.000000	.881071	1.386186
14	.165100	.637316	.889879	1.000000	.893761	1.421692
15	.177800	.665416	.906989	1.000000	.908012	1.460553
16	.190500	.687408	.919524	1.000000	.918923	1.489588
17	.203200	.711494	.932705	1.000000	.930851	1.520715
18	.215900	.734009	.944544	1.000000	.941982	1.549199
19	.228600	.756000	.955689	1.000000	.952838	1.576484
20	.241300	.776944	.965941	1.000000	.963165	1.602007
21	.254000	.792827	.973492	1.000000	.970988	1.621075
22	.266700	.808884	.980941	1.000000	.978891	1.640114
23	.279400	.817262	.984756	1.000000	.983013	1.649954
24	.292100	.827210	.989224	1.000000	.987905	1.661559
25	.304800	.835239	.992782	1.000000	.991851	1.670863
26	.317500	.839951	.994850	1.000000	.994167	1.676298
27	.330200	.846758	.998100	1.000000	.997836	1.684873
28	.342900	.849202	.999156	1.000000	.999038	1.687672
29	.355600	.853391	1.000959	1.000000	1.001097	1.692459
30	.368300	.856183	1.002155	1.000000	1.002470	1.695642
31	.381000	.857929	1.002900	1.000000	1.003328	1.697629
32	.393700	.860721	1.004088	1.000000	1.004701	1.700802
33	.406400	.861768	1.004532	1.000000	1.005216	1.701990
34	.419100	.862641	1.004901	1.000000	1.005644	1.702979
35	.431800	.864037	1.005492	1.000000	1.006331	1.704561
36	.444500	.864561	1.005713	1.000000	1.006588	1.705154
37	.457200	.865608	1.006155	1.000000	1.007103	1.706339
38	.469900	.866132	1.006376	1.000000	1.007360	1.706932
39	.482600	.867004	1.006743	1.000000	1.007789	1.707918
40	.495300	.867702	1.007037	1.000000	1.008132	1.708707
41	.508000	.868052	1.007183	1.000000	1.008303	1.709101
42	.533400	.868750	1.007476	1.000000	1.008646	1.709889
43	.558800	.868750	1.007476	1.000000	1.008646	1.709889

ID NO. 12215-014

PTO= 10.0704 N/SQ CM
TTO= 305.3333 K
PBAR= 759.3000 MMHG
TMAN= 299.2778 K

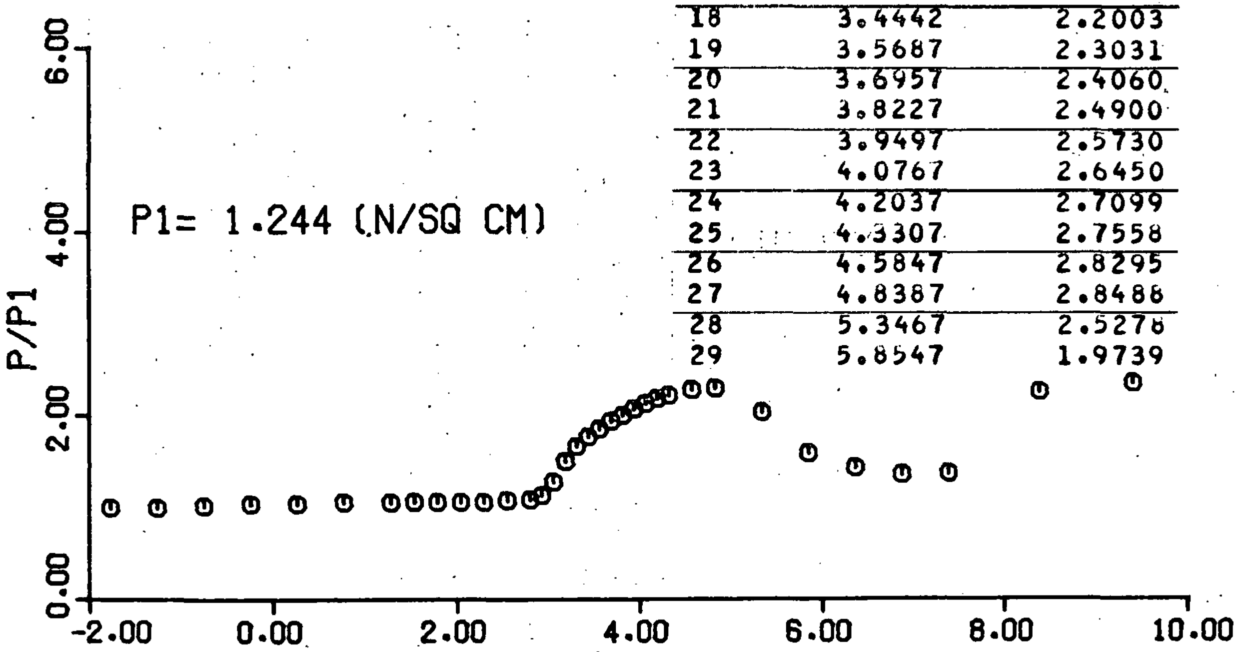
I	X(CM)	P(N/SQ CM)
1	-1.7628	1.2393
2	-1.2548	1.2393
3	-.7468	1.2675
4	-.2388	1.2942
5	.2692	1.2949
6	.7772	1.3172
7	1.2852	1.3107
8	1.5392	1.3127
9	1.7932	1.3168
10	2.0472	1.3144
11	2.3012	1.3175
12	2.5552	1.3940
13	2.8092	1.8014
14	2.9362	2.0271
15	3.0632	2.1625
16	3.1902	2.2599
17	3.3172	2.3292
18	3.4442	2.3926
19	3.5687	2.4523
20	3.6957	2.5055
21	3.8227	2.5597
22	3.9497	2.6080
23	4.0767	2.6516
24	4.2037	2.6927
25	4.3307	2.7270
26	4.5847	2.7750
27	4.8387	2.7716
28	5.3467	2.4475
29	5.8547	1.9396



ID NO. 12215-015

PTO= 10.0704 N/SQ CM
TTO= 305.3333 K
PBAR= 759.3000 MMHG
TMAN= 299.2778 K

I	X(CM)	P(N/SQ CM)
1	-1.7628	1.2438
2	-1.2548	1.2441
3	-.7468	1.2695
4	-.2388	1.2956
5	.2692	1.2952
6	.7772	1.3144
7	1.2852	1.3107
8	1.5392	1.3162
9	1.7932	1.3127
10	2.0472	1.3155
11	2.3012	1.3158
12	2.5552	1.3385
13	2.8092	1.3505
14	2.9362	1.4098
15	3.0632	1.5915
16	3.1902	1.8645
17	3.3172	2.0675
18	3.4442	2.2003
19	3.5687	2.3031
20	3.6957	2.4060
21	3.8227	2.4900
22	3.9497	2.5730
23	4.0767	2.6450
24	4.2037	2.7099
25	4.3307	2.7558
26	4.5847	2.8295
27	4.8387	2.8486
28	5.3467	2.5278
29	5.8547	1.9739

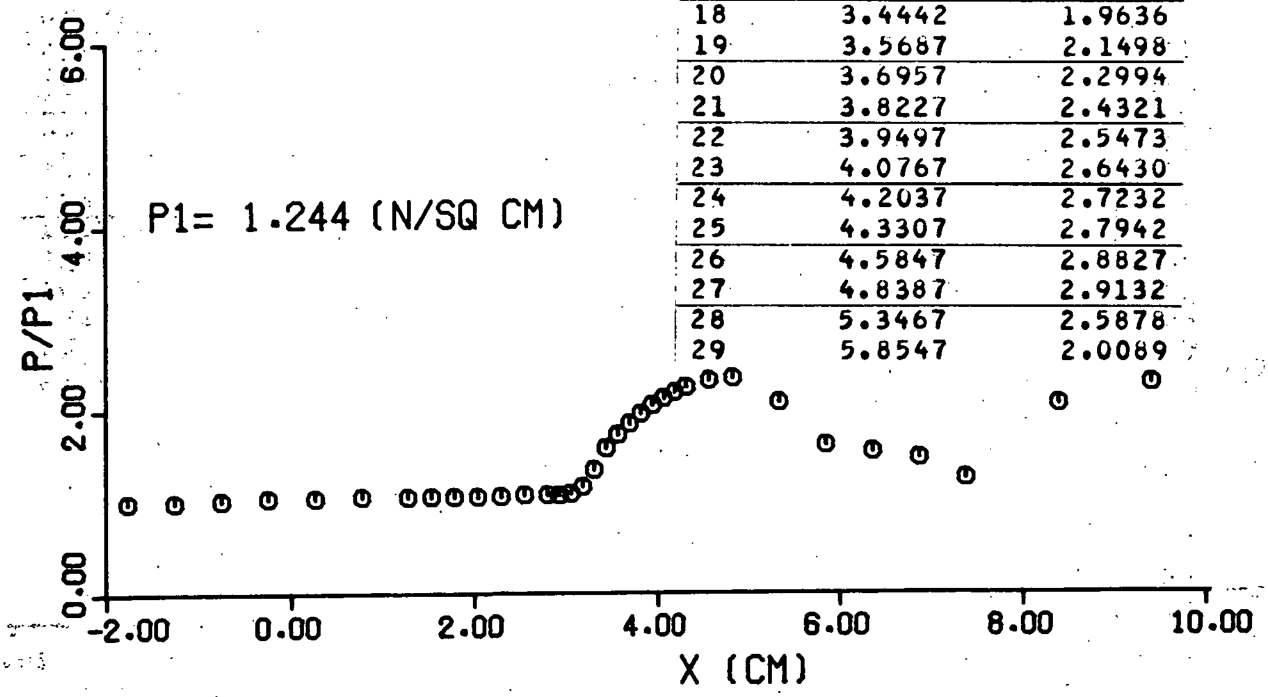


ID NO. 12215 -015

ID NO. 12215-016

PTO= 10.0704 N/SQ CM
TTO= 305.3333 K
PBAR= 759.3000 MMHG
TMAN= 299.2778 K

I	X(CM)	P(N/SQ CM)
1	-1.7628	1.2441
2	-1.2548	1.2441
3	-.7468	1.2699
4	-.2388	1.2973
5	.2692	1.2990
6	.7772	1.3196
7	1.2852	1.3141
8	1.5392	1.3203
9	1.7932	1.3203
10	2.0472	1.3203
11	2.3012	1.3203
12	2.5552	1.3402
13	2.8092	1.3378
14	2.9362	1.3347
15	3.0632	1.3525
16	3.1902	1.4458
17	3.3172	1.6783
18	3.4442	1.9636
19	3.5687	2.1498
20	3.6957	2.2994
21	3.8227	2.4321
22	3.9497	2.5473
23	4.0767	2.6430
24	4.2037	2.7232
25	4.3307	2.7942
26	4.5847	2.8827
27	4.8387	2.9132
28	5.3467	2.5878
29	5.8547	2.0089

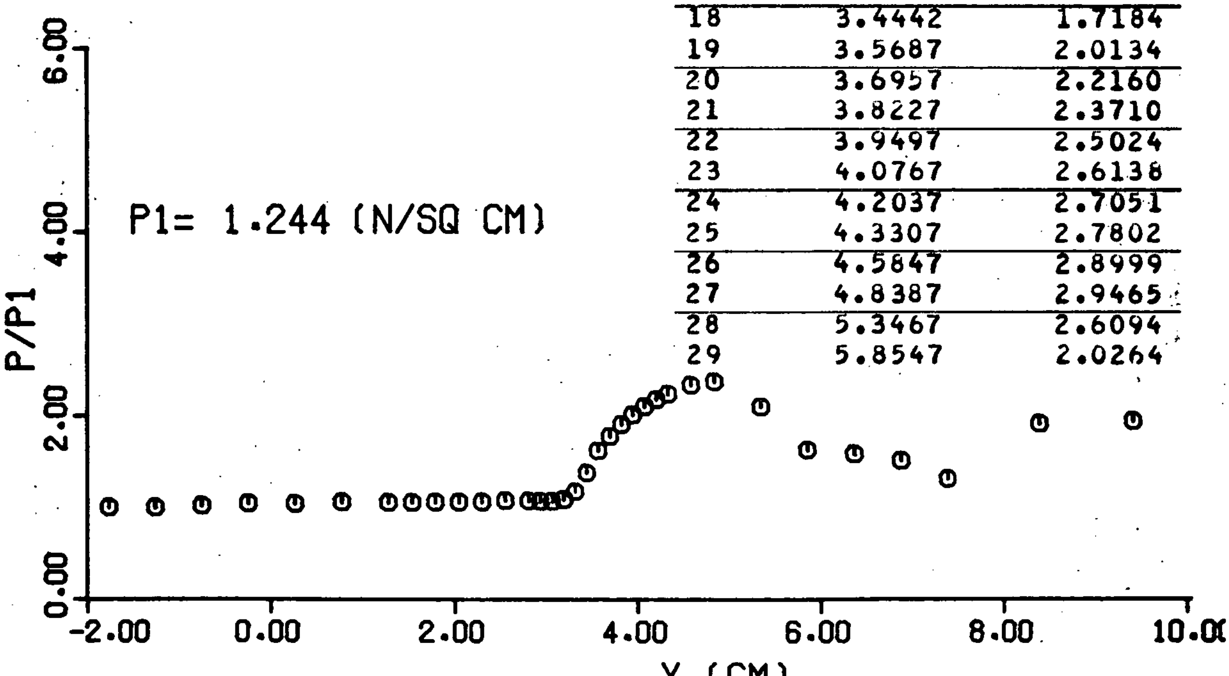


ID NO. 12215 -016

ID NO. 12215-017

PTO= 10.0704 N/SQ CM
TTO= 305.3333 K
PBAR= 759.3000 MMHG
TMAN= 299.2778 K

I	X(CM)	P(N/SQ CM)
1	-1.7628	1.2438
2	-1.2548	1.2421
3	-.7468	1.2699
4	-.2388	1.2970
5	.2692	1.2939
6	.7772	1.3162
7	1.2852	1.3120
8	1.5392	1.3158
9	1.7932	1.3175
10	2.0472	1.3189
11	2.3012	1.3189
12	2.5552	1.3388
13	2.8092	1.3347
14	2.9362	1.3282
15	3.0632	1.3306
16	3.1902	1.3515
17	3.3172	1.4616
18	3.4442	1.7184
19	3.5687	2.0134
20	3.6957	2.2160
21	3.8227	2.3710
22	3.9497	2.5024
23	4.0767	2.6138
24	4.2037	2.7051
25	4.3307	2.7802
26	4.5847	2.8999
27	4.8387	2.9465
28	5.3467	2.6094
29	5.8547	2.0264

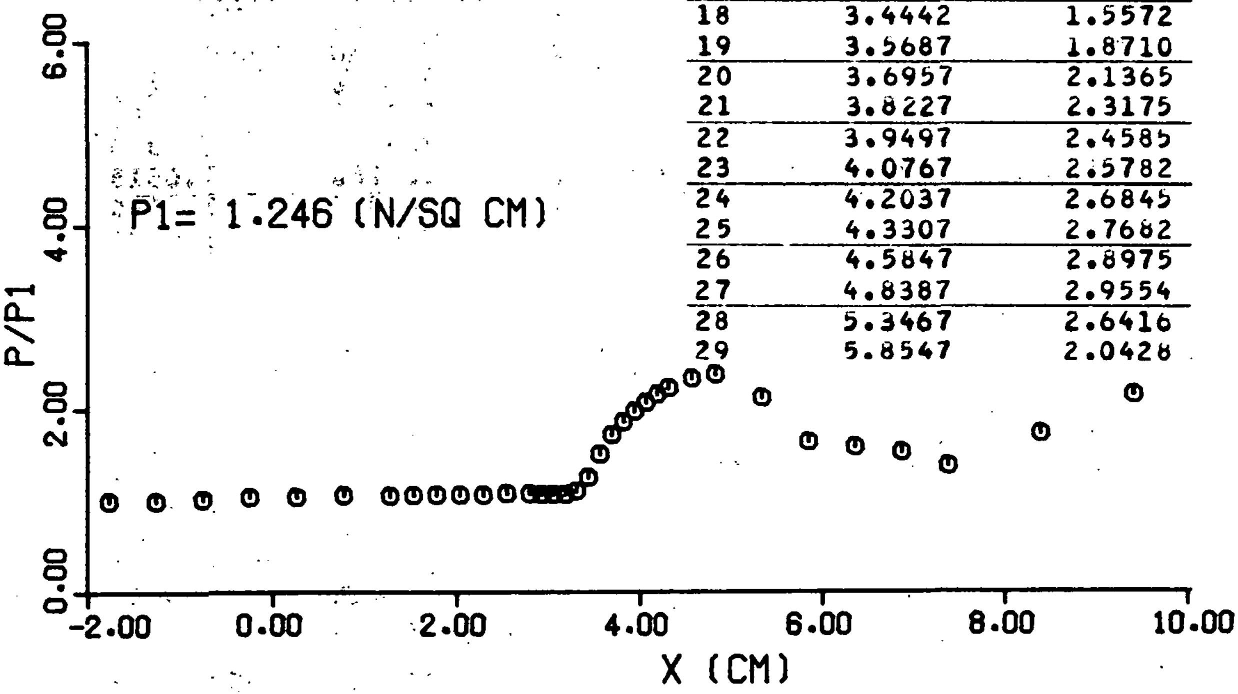


ID NO. 12215 -017

ID NO. 12215-018

PTO= 10.0704 N/SQ CM
TTO= 305.3333 K
PBAR= 759.3000 MMHG
TMAN= 299.2778 K

I	X(CM)	P(N/SQ CM)
1	-1.7628	1.2455
2	-1.2548	1.2455
3	-.7468	1.2719
4	-.2388	1.2963
5	.2692	1.2963
6	.7772	1.3165
7	1.2852	1.3127
8	1.5392	1.3175
9	1.7932	1.3203
10	2.0472	1.3203
11	2.3012	1.3203
12	2.5552	1.3415
13	2.8092	1.3354
14	2.9362	1.3302
15	3.0632	1.3306
16	3.1902	1.3312
17	3.3172	1.3762
18	3.4442	1.5572
19	3.5687	1.8710
20	3.6957	2.1365
21	3.8227	2.3175
22	3.9497	2.4585
23	4.0767	2.5782
24	4.2037	2.6845
25	4.3307	2.7682
26	4.5847	2.8975
27	4.8387	2.9554
28	5.3467	2.6416
29	5.8547	2.0428

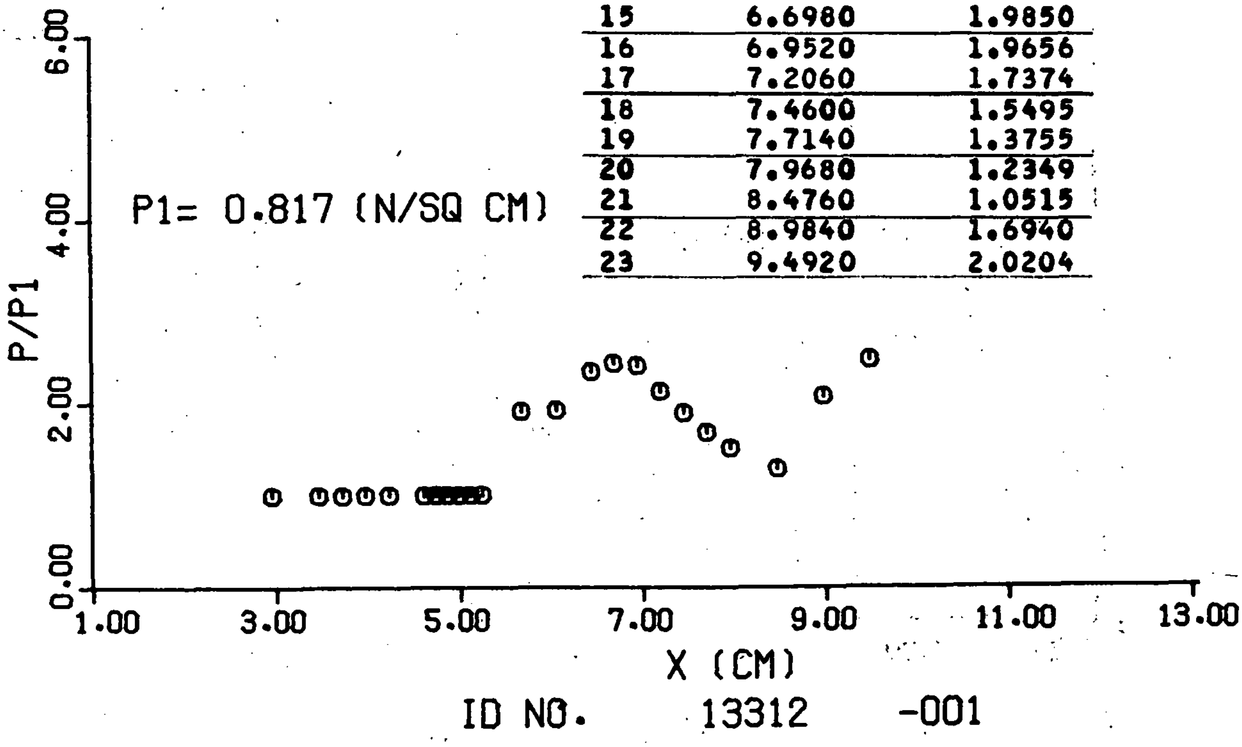


ID NO. 12215 -018

ID NO. 13312-001

PTO= 23.5981 N/SQ CM
TTO= 299.2222 K
PBAR= 758.4000 MMHG
TMAN= 297.5556 K

I	X(CM)	P(N/SQ CM)
1	2.9642	.8168
2	3.4722	.8164
3	3.7262	.8150
4	3.9802	.8157
5	4.2342	.8189
6	4.6152	.8161
7	4.7422	.8185
8	4.8692	.8189
9	4.9962	.8202
10	5.1232	.8199
11	5.2502	.8230
12	5.6820	1.5603
13	6.0630	1.5700
14	6.4440	1.9142
15	6.6980	1.9850
16	6.9520	1.9656
17	7.2060	1.7374
18	7.4600	1.5495
19	7.7140	1.3755
20	7.9680	1.2349
21	8.4760	1.0515
22	8.9840	1.6940
23	9.4920	2.0204



STATION X= 4.24 CM PTO= 23.621 N/SQ CM TTO=304.78K
R= 2.576 CM PWALL= .7965 N/SQ CM CF= .00196 PI = .617
UE= 615.0 M/SEC RHOE=.00741 KG/CUB M RE= 18.163E6 /M
DELTA= .367 CM DELTA*= .1031 CM THETA= .0197 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.033719	.000000	1.000000	.381880	.000000
2	.012700	.087697	.624796	1.000000	.503331	1.261023
3	.025400	.110795	.696459	1.000000	.545404	1.463230
4	.038100	.128045	.738694	1.000000	.576239	1.595234
5	.050800	.141815	.767924	1.000000	.600922	1.693500
6	.063500	.152994	.789031	1.000000	.620764	1.768541
7	.076200	.163432	.807070	1.000000	.639258	1.835724
8	.088900	.172316	.821314	1.000000	.654977	1.890951
9	.101600	.183273	.837642	1.000000	.674343	1.956849
10	.114300	.192379	.850284	1.000000	.690423	2.009924
11	.127000	.202966	.864035	1.000000	.709104	2.069875
12	.139700	.214737	.878418	1.000000	.730106	2.135269
13	.152400	.226953	.892116	1.000000	.751649	2.200326
14	.165100	.236355	.902000	1.000000	.768222	2.249096
15	.177800	.248718	.914210	1.000000	.790007	2.311636
16	.190500	.260786	.925347	1.000000	.811261	2.371064
17	.203200	.272409	.935418	1.000000	.831727	2.426911
18	.215900	.282255	.943488	1.000000	.849059	2.473223
19	.228600	.295211	.953519	1.000000	.871859	2.532856
20	.241300	.306612	.961839	1.000000	.891918	2.584183
21	.254000	.318605	.970124	1.000000	.913016	2.637088
22	.266700	.327637	.976070	1.000000	.928902	2.676233
23	.279400	.336521	.981797	1.000000	.944831	2.714921
24	.292100	.344961	.986937	1.000000	.959681	2.750495
25	.304800	.351920	.991037	1.000000	.971924	2.779483
26	.317500	.356214	.993507	1.000000	.979478	2.797218
27	.330200	.362137	.996842	1.000000	.989897	2.821496
28	.342900	.364062	.997909	1.000000	.993283	2.829342
29	.355600	.366209	.999088	1.000000	.997059	2.838066
30	.368300	.368059	1.000097	1.000000	1.000315	2.845566
31	.381000	.369022	1.000619	1.000000	1.002008	2.849458
32	.393700	.369984	1.001138	1.000000	1.003701	2.853345
33	.406400	.370502	1.001417	1.000000	1.004612	2.855435
34	.419100	.370947	1.001656	1.000000	1.005393	2.857226
35	.431800	.370725	1.001536	1.000000	1.005003	2.856331
36	.444500	.370502	1.001417	1.000000	1.004612	2.855435
37	.457200	.370428	1.001377	1.000000	1.004482	2.855137
38	.469900	.370577	1.001457	1.000000	1.004742	2.855734
39	.482600	.370651	1.001497	1.000000	1.004873	2.856033
40	.495300	.370651	1.001497	1.000000	1.004873	2.856033
41	.508000	.370502	1.001417	1.000000	1.004612	2.855435
42	.533400	.370206	1.001258	1.000000	1.004091	2.854241
43	.558800	.370058	1.001178	1.000000	1.003831	2.853644

ID NO. 13312-003

STATION X= 5.00 CM PTO= 23.621 N/SQ CM TTO=304.78K
R= 2.576 CM PWALL= .7978 N/SQ CM CF= .00154 PI[illegible]= .764
UE= 640.6 M/SEC RHOE=.00860 KG/CUB M RE= 25.505E6 /M
DELTA= .481 CM DELTA*= .1490 CM THETA= .0240 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.033777	.000000	1.000000	.329313	.000000
2	.012700	.087623	.599043	1.000000	.433693	1.258896
3	.025400	.110425	.667167	1.000000	.469461	1.458730
4	.038100	.127082	.706599	1.000000	.495104	1.586579
5	.050800	.141000	.735200	1.000000	.516584	1.686229
6	.063500	.152920	.756896	1.000000	.534800	1.766333
7	.076200	.161952	.771979	1.000000	.548577	1.824588
8	.088900	.171502	.786814	1.000000	.563127	1.884153
9	.101600	.181200	.800841	1.000000	.577886	1.942710
10	.114300	.191565	.814801	1.000000	.593644	2.003342
11	.127000	.200967	.826640	1.000000	.607928	2.056759
12	.139700	.213331	.841301	1.000000	.626908	2.125661
13	.152400	.223103	.851996	1.000000	.641747	2.178010
14	.165100	.236207	.865386	1.000000	.661634	2.246257
15	.177800	.246201	.874939	1.000000	.676795	2.296925
16	.190500	.257972	.885528	1.000000	.694644	2.355181
17	.203200	.269151	.894982	1.000000	.711591	2.409186
18	.215900	.281885	.905103	1.000000	.730888	2.469244
19	.228600	.293286	.913631	1.000000	.748161	2.521790
20	.241300	.305428	.922207	1.000000	.766551	2.576559
21	.254000	.315496	.928956	1.000000	.781799	2.621100
22	.266700	.323566	.934144	1.000000	.794018	2.656254
23	.279400	.335485	.941574	1.000000	.812327	2.708074
24	.292100	.342296	.945591	1.000000	.822644	2.736843
25	.304800	.349403	.949658	1.000000	.833408	2.766540
26	.317500	.355178	.952874	1.000000	.842154	2.790436
27	.330200	.358953	.954935	1.000000	.847872	2.805949
28	.342900	.362285	.956727	1.000000	.852917	2.819565
29	.355600	.368504	.960007	1.000000	.862334	2.844807
30	.368300	.407741	.978933	1.000000	.921739	2.999148
31	.381000	.443351	.993851	1.000000	.975638	3.132610
32	.393700	.451643	.997061	1.000000	.988187	3.162875
33	.406400	.454012	.997961	1.000000	.991772	3.171468
34	.419100	.455566	.998548	1.000000	.994125	3.177095
35	.431800	.456899	.999049	1.000000	.996142	3.181910
36	.444500	.457787	.999381	1.000000	.997486	3.185117
37	.457200	.458676	.999713	1.000000	.998831	3.188319
38	.469900	.459194	.999905	1.000000	.999615	3.190186
39	.482600	.459490	1.000015	1.000000	1.000063	3.191252
40	.495300	.460082	1.000235	1.000000	1.000959	3.193384
41	.508000	.460082	1.000235	1.000000	1.000959	3.193384
42	.533400	.460156	1.000263	1.000000	1.001071	3.193650
43	.558800	.461415	1.000728	1.000000	1.002976	3.198174

STATION X= 6.07 CM PTO= 23.621 N/SQ CM TTO=304.78K
R= 2.576 CM PWALL= 1.5098 N/SQ CM CF= .00199 PI = .869
UE= 557.6 M/SEC RHOE=.01090 KG/CUB M RE= 19.033E6 /M
DELTA= .343 CM DELTA*= .0756 CM THETA= .0176 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.063916	.000000	1.000000	.491854	.000000
2	.012700	.105317	.511550	1.000000	.567288	.875692
3	.025400	.120271	.570264	1.000000	.589222	.994894
4	.038100	.136558	.618295	1.000000	.610436	1.097937
5	.050800	.157954	.671054	1.000000	.637798	1.218038
6	.063500	.183717	.723468	1.000000	.670070	1.345988
7	.076200	.209333	.767069	1.000000	.701637	1.460334
8	.088900	.237761	.808171	1.000000	.736188	1.576011
9	.101600	.263969	.841069	1.000000	.767875	1.675091
10	.114300	.293656	.874031	1.000000	.803930	1.781138
11	.127000	.322011	.901633	1.000000	.838045	1.875966
12	.139700	.350440	.926367	1.000000	.872188	1.966300
13	.152400	.380053	.949517	1.000000	.907706	2.056065
14	.165100	.409666	.970590	1.000000	.943508	2.142743
15	.177800	.437650	.988560	1.000000	.977038	2.220856
16	.190500	.469336	1.007117	1.000000	1.014979	2.306056
17	.203200	.478442	1.012135	1.000000	1.025878	2.329955
18	.215900	.438909	.989332	1.000000	.978545	2.224303
19	.228600	.452827	.997669	1.000000	.995213	2.262071
20	.241300	.455862	.999442	1.000000	.998848	2.270223
21	.254000	.408852	.970043	1.000000	.942532	2.140427
22	.266700	.420697	.977865	1.000000	.956727	2.173875
23	.279400	.432246	.985213	1.000000	.970564	2.205990
24	.292100	.440760	.990461	1.000000	.980762	2.229363
25	.304800	.446460	.993899	1.000000	.987589	2.244875
26	.317500	.452013	.997191	1.000000	.994238	2.259879
27	.330200	.454974	.998925	1.000000	.997784	2.267840
28	.342900	.456825	1.000000	1.000000	1.000000	2.272801
29	.355600	.458528	1.000984	1.000000	1.002039	2.277356
30	.368300	.459860	1.001751	1.000000	1.003634	2.280914
31	.381000	.461341	1.002599	1.000000	1.005407	2.284861
32	.393700	.463192	1.003655	1.000000	1.007623	2.289785
33	.406400	.464376	1.004327	1.000000	1.009041	2.292931
34	.419100	.464672	1.004495	1.000000	1.009395	2.293716
35	.431800	.466523	1.005539	1.000000	1.011611	2.298621
36	.444500	.467782	1.006247	1.000000	1.013117	2.301950
37	.457200	.468448	1.006620	1.000000	1.013915	2.303710
38	.469900	.469114	1.006993	1.000000	1.014713	2.305469
39	.482600	.470077	1.007530	1.000000	1.015865	2.308008
40	.495300	.470447	1.007736	1.000000	1.016308	2.308984
41	.508000	.470669	1.007859	1.000000	1.016574	2.309569
42	.533400	.471705	1.008435	1.000000	1.017814	2.312298
43	.558800	.470817	1.007942	1.000000	1.016751	2.309959

STATION X= 4.24 CM PTO= 23.621 N/SQ CM TTO=304.78K
R= 2.576 CM PWALL= .8047 N/SQ CM CF= .00196 PI = .624
UE= 614.0 M/SEC RHOE=.00745 KG/CUB M RE= 18.139E6 /M
DELTA= .367 CM DELTA*= .1032 CM THETA= .0198 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.034067	.000000	1.000000	.383816	.000000
2	.012700	.088141	.624149	1.000000	.505049	1.256706
3	.025400	.110351	.693308	1.000000	.545337	1.450566
4	.038100	.128489	.737900	1.000000	.577610	1.588887
5	.050800	.142407	.767418	1.000000	.602433	1.687581
6	.063500	.153734	.788771	1.000000	.622437	1.763101
7	.076200	.163062	.804934	1.000000	.638881	1.822841
8	.088900	.173575	.821807	1.000000	.657389	1.887816
9	.101600	.182237	.834761	1.000000	.672622	1.939662
10	.114300	.193416	.850353	1.000000	.692263	2.004535
11	.127000	.202744	.862493	1.000000	.708640	2.057060
12	.139700	.214441	.876881	1.000000	.729405	2.121795
13	.152400	.226138	.890108	1.000000	.749930	2.183894
14	.165100	.238872	.903499	1.000000	.772261	2.249511
15	.177800	.251309	.915672	1.000000	.794063	2.311776
16	.190500	.261230	.924802	1.000000	.811446	2.360246
17	.203200	.274038	.935902	1.000000	.833881	2.421368
18	.215900	.284550	.944483	1.000000	.852290	2.470394
19	.228600	.293286	.951279	1.000000	.867585	2.510398
20	.241300	.305798	.960526	1.000000	.889487	2.566594
21	.254000	.317273	.968541	1.000000	.909569	2.617063
22	.266700	.328822	.976194	1.000000	.929778	2.666886
23	.279400	.338520	.982433	1.000000	.947052	2.708747
24	.292100	.344961	.986363	1.000000	.958326	2.735723
25	.304800	.352438	.990792	1.000000	.971413	2.766707
26	.317500	.357547	.993739	1.000000	.980354	2.787676
27	.330200	.362137	.996334	1.000000	.988386	2.806382
28	.342900	.364802	.997818	1.000000	.993051	2.817186
29	.355600	.367171	.999124	1.000000	.997196	2.826755
30	.368300	.368948	1.000095	1.000000	1.000306	2.833911
31	.381000	.369688	1.000498	1.000000	1.001601	2.836887
32	.393700	.370206	1.000779	1.000000	1.002508	2.838968
33	.406400	.370502	1.000939	1.000000	1.003026	2.840157
34	.419100	.371021	1.001219	1.000000	1.003933	2.842236
35	.431800	.370947	1.001179	1.000000	1.003803	2.841939
36	.444500	.370725	1.001059	1.000000	1.003415	2.841048
37	.457200	.371095	1.001259	1.000000	1.004063	2.842533
38	.469900	.370725	1.001059	1.000000	1.003415	2.841048
39	.482600	.370947	1.001179	1.000000	1.003803	2.841939
40	.495300	.370428	1.000899	1.000000	1.002897	2.839860
41	.508000	.370651	1.001019	1.000000	1.003285	2.840751
42	.533400	.370502	1.000939	1.000000	1.003026	2.840157
43	.558800	.370206	1.000779	1.000000	1.002508	2.838968

ID NO. 13312-006

STATION X= 5.00 CM PTO= 23.621 N/SQ CM TTO=304.78K
R= 2.576 CM PWALL= .8064 N/SQ CM CF= .00207 PI = .710
UE= 604.0 M/SEC RHOE=.00709 KG/CUB M RE= 16.174E6 /M
DELTA= .292 CM DELTA*= .0907 CM THETA= .0184 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.034139	.000000	1.000000	.403770	.000000
2	.012700	.087845	.632759	1.000000	.530384	1.252154
3	.025400	.110721	.705186	1.000000	.573943	1.451652
4	.038100	.128785	.750199	1.000000	.607682	1.589055
5	.050800	.141000	.776477	1.000000	.630376	1.675147
6	.063500	.152550	.799089	1.000000	.651998	1.753244
7	.076200	.161878	.815684	1.000000	.669265	1.813198
8	.088900	.171946	.832297	1.000000	.687876	1.875676
9	.101600	.181348	.846730	1.000000	.705237	1.932133
10	.114300	.192083	.862078	1.000000	.725039	1.994581
11	.127000	.202522	.875970	1.000000	.744278	2.053437
12	.139700	.212368	.888404	1.000000	.762667	2.108156
13	.152400	.224139	.902115	1.000000	.784353	2.170910
14	.165100	.235244	.914192	1.000000	.804799	2.228463
15	.177800	.247386	.926541	1.000000	.827144	2.289705
16	.190500	.259009	.937608	1.000000	.848526	2.346813
17	.203200	.269596	.947107	1.000000	.867996	2.397630
18	.215900	.281071	.956830	1.000000	.889093	2.451506
19	.228600	.292546	.966010	1.000000	.910185	2.504210
20	.241300	.305502	.975777	1.000000	.933992	2.562398
21	.254000	.315496	.982914	1.000000	.952355	2.606390
22	.266700	.326305	.990274	1.000000	.972210	2.653137
23	.279400	.333264	.994827	1.000000	.984991	2.682801
24	.292100	.341259	1.000000	1.000000	1.000000	2.717218
25	.304800	.348071	1.004177	1.000000	1.012515	2.745588
26	.317500	.354807	1.008191	1.000000	1.024893	2.773361
27	.330200	.358435	1.010306	1.000000	1.031558	2.788201
28	.342900	.362951	1.012895	1.000000	1.039854	2.806564
29	.355600	.365912	1.014566	1.000000	1.045295	2.818540
30	.368300	.398635	1.031781	1.000000	1.105399	2.947619
31	.381000	.442388	1.051704	1.000000	1.185742	3.111811
32	.393700	.451420	1.055442	1.000000	1.202325	3.144633
33	.406400	.454234	1.056583	1.000000	1.207490	3.154786
34	.419100	.455936	1.057268	1.000000	1.210616	3.160915
35	.431800	.457121	1.057743	1.000000	1.212790	3.165172
36	.444500	.457935	1.058067	1.000000	1.214285	3.168095
37	.457200	.458676	1.058362	1.000000	1.215644	3.170750
38	.469900	.459564	1.058715	1.000000	1.217275	3.173934
39	.482600	.460082	1.058920	1.000000	1.218227	3.175789
40	.495300	.460378	1.059037	1.000000	1.218770	3.176849
41	.508000	.460749	1.059183	1.000000	1.219450	3.178173
42	.533400	.460601	1.059125	1.000000	1.219178	3.177643
43	.558800	.461785	1.059591	1.000000	1.221353	3.181878

STATION X= 6.07 CM PTO= 23.621 N/SQ CM TTO=304.78K
R= 2.576 CM PWALL= 1.5080 N/SQ CM CF= .00147 PI =1.967
UE= 561.3 M/SEC RHOE=.01104 KG/CUB M RE= 19.647E6 /M
DELTA= .206 CM DELTA*= .0756 CM THETA= .0171 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.063844	.000000	1.000000	.485174	.000000
2	.012700	.107612	.518817	1.000000	.563224	.896853
3	.025400	.119753	.565248	1.000000	.580692	.992152
4	.038100	.137225	.616370	1.000000	.603142	1.102599
5	.050800	.155141	.660846	1.000000	.625697	1.204254
6	.063500	.181496	.715066	1.000000	.658525	1.336590
7	.076200	.206742	.758392	1.000000	.689272	1.450290
8	.088900	.237539	.802974	1.000000	.726247	1.576195
9	.101600	.261748	.833334	1.000000	.755157	1.668029
10	.114300	.289585	.864474	1.000000	.788565	1.768223
11	.127000	.315792	.890354	1.000000	.819714	1.856778
12	.139700	.347330	.918104	1.000000	.857129	1.957857
13	.152400	.379312	.943109	1.000000	.895013	2.055146
14	.165100	.408111	.963544	1.000000	.929404	2.139636
15	.177800	.436318	.981615	1.000000	.962780	2.218558
16	.190500	.461415	.996413	1.000000	.992459	2.286451
17	.203200	.473778	1.003305	1.000000	1.007074	2.319155
18	.215900	.436318	.981615	1.000000	.962780	2.218558
19	.228600	.399079	.957400	1.000000	.918712	2.113729
20	.241300	.398043	.956684	1.000000	.917485	2.110736
21	.254000	.409666	.964583	1.000000	.931244	2.144063
22	.266700	.423066	.973327	1.000000	.947102	2.181841
23	.279400	.421289	.972189	1.000000	.945000	2.176870
24	.292100	.411739	.965960	1.000000	.933698	2.149952
25	.304800	.405668	.961900	1.000000	.926512	2.132660
26	.317500	.401078	.958776	1.000000	.921078	2.119491
27	.330200	.398117	.956735	1.000000	.917572	2.110950
28	.342900	.395674	.955036	1.000000	.914680	2.103877
29	.355600	.394637	.954311	1.000000	.913452	2.100869
30	.368300	.393379	.953427	1.000000	.911962	2.097210
31	.381000	.391824	.952151	1.000000	.909821	2.091944
32	.393700	.390639	.951312	1.000000	.908420	2.088489
33	.406400	.388937	.950099	1.000000	.906405	2.083511
34	.419100	.388122	.949516	1.000000	.905441	2.081127
35	.431800	.387382	.948985	1.000000	.904565	2.078956
36	.444500	.386346	.948239	1.000000	.903338	2.075913
37	.457200	.385161	.947384	1.000000	.901936	2.072431
38	.469900	.384273	.946740	1.000000	.900885	2.069815
39	.482600	.383828	.946417	1.000000	.900359	2.068505
40	.495300	.383236	.945986	1.000000	.899658	2.066758
41	.508000	.382200	.945230	1.000000	.898431	2.063697
42	.533400	.381311	.944580	1.000000	.897379	2.061070
43	.558800	.382052	.945122	1.000000	.898256	2.063260

ID NO. 13312-008

STATION X= 4.24 CM PTO= 23.621 N/SQ CM TTO=304.78K
R= 2.576 CM PWALL= .8050 N/SQ CM CF= .00198 PI = .600
UE= 614.0 M/SEC RHOE=.00745 KG/CUB M RE= 18.131E6 /M
DELTA= .367 CM DELTA*= .1022 CM THETA= .0196 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.034081	.000000	1.000000	.383955	.000000
2	.012700	.089029	.627225	1.000000	.506777	1.264686
3	.025400	.111980	.697618	1.000000	.548359	1.463194
4	.038100	.130118	.741486	1.000000	.580608	1.600279
5	.050800	.144110	.770727	1.000000	.605553	1.698745
6	.063500	.156177	.793093	1.000000	.626855	1.778522
7	.076200	.165653	.809194	1.000000	.643554	1.836639
8	.088900	.174833	.823719	1.000000	.659711	1.894991
9	.101600	.183495	.836559	1.000000	.674941	1.946618
10	.114300	.194896	.852317	1.000000	.694969	2.012495
11	.127000	.204743	.864989	1.000000	.712252	2.067657
12	.139700	.214589	.877046	1.000000	.729769	2.122102
13	.152400	.228211	.892352	1.000000	.753668	2.194207
14	.165100	.240797	.905438	1.000000	.775737	2.258745
15	.177800	.250199	.914621	1.000000	.792216	2.305760
16	.190500	.263303	.926655	1.000000	.815176	2.369708
17	.203200	.274482	.936282	1.000000	.834756	2.422911
18	.215900	.286327	.945899	1.000000	.855497	2.478024
19	.228600	.296173	.953475	1.000000	.872735	2.522910
20	.241300	.309425	.963121	1.000000	.895929	2.582076
21	.254000	.319568	.970111	1.000000	.913678	2.626451
22	.266700	.328822	.976214	1.000000	.929869	2.666289
23	.279400	.336743	.981351	1.000000	.944032	2.700653
24	.292100	.345183	.986520	1.000000	.958804	2.736037
25	.304800	.352512	.990860	1.000000	.971632	2.766395
26	.317500	.357251	.993595	1.000000	.979924	2.785843
27	.330200	.361693	.996111	1.000000	.987697	2.803953
28	.342900	.365246	.998090	1.000000	.993915	2.818356
29	.355600	.367689	.999435	1.000000	.998190	2.828215
30	.368300	.368800	1.000042	1.000000	1.000133	2.832685
31	.381000	.369762	1.000565	1.000000	1.001818	2.836553
32	.393700	.370502	1.000967	1.000000	1.003113	2.839525
33	.406400	.371021	1.001247	1.000000	1.004020	2.841604
34	.419100	.371021	1.001247	1.000000	1.004020	2.841604
35	.431800	.370947	1.001207	1.000000	1.003890	2.841307
36	.444500	.370873	1.001167	1.000000	1.003761	2.841010
37	.457200	.371317	1.001407	1.000000	1.004538	2.842791
38	.469900	.371391	1.001447	1.000000	1.004667	2.843088
39	.482600	.371095	1.001287	1.000000	1.004149	2.841901
40	.495300	.371391	1.001447	1.000000	1.004667	2.843088
41	.508000	.371391	1.001447	1.000000	1.004667	2.843088
42	.533400	.370873	1.001167	1.000000	1.003761	2.841010
43	.558800	.370577	1.001007	1.000000	1.003243	2.839822

ID NO. 13312-009

STATION X= 5.00 CM PTO= 23.621 N/SQ CM TTO=304.78K
R= 2.576 CM PWALL= .8061 N/SQ CM CF= .00165 PI = .843
UE= 630.2 M/SEC RHOE=.00816 KG/CUB M RE= 22.294E6 /M
DELTA= .386 CM DELTA*= .1342 CM THETA= .0234 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.034125	.000000	1.000000	.350972	.000000
2	.012700	.089103	.610945	1.000000	.463178	1.264318
3	.025400	.110869	.676405	1.000000	.499211	1.453212
4	.038100	.128193	.717861	1.000000	.527350	1.585150
5	.050800	.140704	.743763	1.000000	.547565	1.673526
6	.063500	.152179	.765355	1.000000	.566248	1.751244
7	.076200	.161582	.781428	1.000000	.581384	1.811760
8	.088900	.171798	.797611	1.000000	.597807	1.875217
9	.101600	.182459	.813242	1.000000	.614923	1.939145
10	.114300	.192009	.826279	1.000000	.630242	1.994623
11	.127000	.201855	.838867	1.000000	.646024	2.050208
12	.139700	.213183	.852546	1.000000	.664388	2.113047
13	.152400	.224362	.864984	1.000000	.682296	2.172576
14	.165100	.235689	.876767	1.000000	.700432	2.231245
15	.177800	.246719	.887525	1.000000	.718086	2.286909
16	.190500	.258121	.897972	1.000000	.736325	2.343031
17	.203200	.272779	.910502	1.000000	.759767	2.413244
18	.215900	.281145	.917238	1.000000	.773141	2.452403
19	.228600	.292176	.925700	1.000000	.790773	2.503091
20	.241300	.303651	.934034	1.000000	.809110	2.554741
21	.254000	.313053	.940533	1.000000	.824133	2.596287
22	.266700	.325639	.948804	1.000000	.844237	2.650872
23	.279400	.333264	.953592	1.000000	.856417	2.683400
24	.292100	.334152	.954245	1.000000	.858111	2.687893
25	.304800	.342000	.958989	1.000000	.870651	2.720923
26	.317500	.350217	.963789	1.000000	.883782	2.755083
27	.330200	.354215	.966064	1.000000	.890169	2.771548
28	.342900	.360064	.969324	1.000000	.899513	2.795459
29	.355600	.362507	.970663	1.000000	.903416	2.805387
30	.368300	.366505	.972825	1.000000	.909803	2.821556
31	.381000	.401448	.990326	1.000000	.965617	2.959106
32	.393700	.445868	1.009488	1.000000	1.036546	3.125185
33	.406400	.451643	1.011763	1.000000	1.045765	3.146128
34	.419100	.454308	1.012798	1.000000	1.050020	3.155747
35	.431800	.456455	1.013625	1.000000	1.053448	3.163474
36	.444500	.457565	1.014051	1.000000	1.055221	3.167463
37	.457200	.458009	1.014220	1.000000	1.055930	3.169058
38	.469900	.459934	1.014953	1.000000	1.059003	3.175957
39	.482600	.460378	1.015121	1.000000	1.059712	3.177547
40	.495300	.460156	1.015037	1.000000	1.059358	3.176753
41	.508000	.461119	1.015401	1.000000	1.060894	3.180196
42	.533400	.460971	1.015345	1.000000	1.060658	3.179666
43	.558800	.461489	1.015541	1.000000	1.061485	3.181519
44	.584200	.462896	1.016070	1.000000	1.063731	3.186543

ID NO. 13312-010

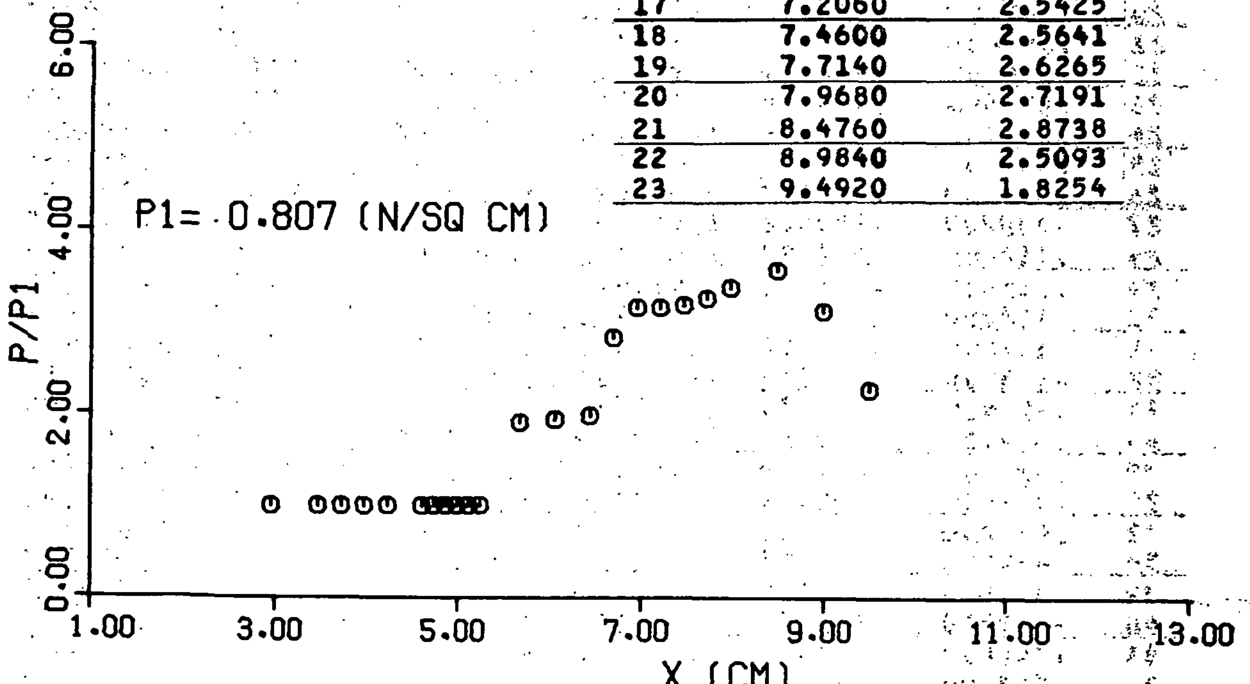
STATION X= 6.07 CM PTO= 23.621 N/SQ CM TTO=304.78K
R= 2.576 CM PWALL= 1.5077 N/SQ CM CF= .00198 PI[illegible]=1.008
UE= 553.0 M/SEC RHOE=.01071 KG/CUB M RE= 18.252E6 /M
DELTA= .292 CM DELTA*= .0706 CM THETA= .0167 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.063829	.000000	1.000000	.590184	.000000
2	.012700	.107241	.525042	1.000000	.580115	.893873
3	.025400	.122566	.585541	1.000000	.603625	1.016872
4	.038100	.140408	.634174	1.000000	.626024	1.121576
5	.050800	.159953	.681849	1.000000	.651598	1.230278
6	.063500	.187049	.736020	1.000000	.685901	1.362528
7	.076200	.214219	.781476	1.000000	.719938	1.482137
8	.088900	.241611	.820459	1.000000	.753803	1.592249
9	.101600	.270040	.855827	1.000000	.789039	1.699261
10	.114300	.296025	.884152	1.000000	.820941	1.790639
11	.127000	.324824	.912112	1.000000	.856217	1.886536
12	.139700	.350514	.934513	1.000000	.887633	1.968009
13	.152400	.386568	.962599	1.000000	.931663	2.076823
14	.165100	.415589	.982991	1.000000	.967396	2.161110
15	.177800	.443425	1.000677	1.000000	1.001354	2.238270
16	.190500	.475185	1.019098	1.000000	1.040076	2.323128
17	.203200	.476962	1.020078	1.000000	1.042241	2.327783
18	.215900	.431061	.993012	1.000000	.986274	2.204339
19	.228600	.398561	.971370	1.000000	.946612	2.112494
20	.241300	.399375	.971941	1.000000	.947606	2.114845
21	.254000	.410702	.979722	1.000000	.961433	2.147274
22	.266700	.423214	.987991	1.000000	.976701	2.182523
23	.279400	.433134	.994318	1.000000	.988803	2.210065
24	.292100	.442314	1.000000	1.000000	1.000000	2.235244
25	.304800	.448015	1.003449	1.000000	1.006952	2.250735
26	.317500	.452457	1.006095	1.000000	1.012368	2.262732
27	.330200	.455862	1.008099	1.000000	1.016521	2.271885
28	.342900	.457639	1.009137	1.000000	1.018687	2.276646
29	.355600	.395081	.968913	1.000000	.942363	2.102418
30	.368300	.460749	1.010940	1.000000	1.022478	2.284953
31	.381000	.461859	1.011580	1.000000	1.023832	2.287913
32	.393700	.463118	1.012303	1.000000	1.025366	2.291262
33	.406400	.464820	1.013276	1.000000	1.027442	2.295786
34	.419100	.465265	1.013529	1.000000	1.027983	2.296965
35	.431800	.467115	1.014580	1.000000	1.030240	2.301869
36	.444500	.386049	.962220	1.000000	.931030	2.075301
37	.457200	.468226	1.015208	1.000000	1.031593	2.304806
38	.469900	.468892	1.015584	1.000000	1.032405	2.306567
39	.482600	.469855	1.016126	1.000000	1.033579	2.309108
40	.495300	.470225	1.016334	1.000000	1.034030	2.310084
41	.508000	.471409	1.016997	1.000000	1.035474	2.313206
42	.533400	.471705	1.017163	1.000000	1.035835	2.313986
43	.558800	.471187	1.016873	1.000000	1.035203	2.312621
44	.584200	.468374	1.015292	1.000000	1.031774	2.305198

ID NO. 13312-010

PTO= 23.5346 N/SQ CM
TTO= 300.0556 K
PBAR= 753.7000 MMHG
TMAN= 300.0556 K

I	X(CM)	P(N/SQ CM)
1	2.9642	.8068
2	3.4722	.8072
3	3.7262	.8061
4	3.9802	.8065
5	4.2342	.8096
6	4.6152	.8065
7	4.7422	.8096
8	4.8692	.8103
9	4.9962	.8113
10	5.1232	.8106
11	5.2502	.8140
12	5.6820	1.5353
13	6.0630	1.5620
14	6.4440	1.5932
15	6.6980	2.2791
16	6.9520	2.5432
17	7.2060	2.5425
18	7.4600	2.5641
19	7.7140	2.6265
20	7.9680	2.7191
21	8.4760	2.8738
22	8.9840	2.5093
23	9.4920	1.8254



ID NO. 13312 -010

STATION X= 3.73 CM PTO= 23.598 N/SQ CM TTO=295.89K
R= 2.576 CM PWALL= .8024 N/SQ CM CF= .00188 PI = .777
UE= 602.7 M/SEC RHOE=.00755 KG/CUB M RE= 18.377E6 /M
DELTA= .333 CM DELTA*= .1004 CM THETA= .0193 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.034001	.000000	1.000000	.388525	.000000
2	.012700	.075849	.578211	1.000000	.488363	1.133502
3	.025400	.098228	.661069	1.000000	.530209	1.350314
4	.038100	.120460	.722499	1.000000	.570683	1.531086
5	.050800	.136689	.759056	1.000000	.599864	1.649169
6	.063500	.149138	.783886	1.000000	.622375	1.734777
7	.076200	.160550	.804302	1.000000	.642790	1.808915
8	.088900	.171369	.822040	1.000000	.662113	1.876391
9	.101600	.181670	.837652	1.000000	.680487	1.938377
10	.114300	.192267	.852569	1.000000	.699371	2.000082
11	.127000	.203457	.867202	1.000000	.719295	2.063185
12	.139700	.214350	.880628	1.000000	.738925	2.123523
13	.152400	.227540	.895533	1.000000	.762398	2.193497
14	.165100	.240138	.908720	1.000000	.784803	2.258266
15	.177800	.250809	.919174	1.000000	.803773	2.311687
16	.190500	.264296	.931542	1.000000	.827740	2.377464
17	.203200	.274671	.940473	1.000000	.846171	2.426833
18	.215900	.287269	.950701	1.000000	.868544	2.485447
19	.228600	.299940	.960367	1.000000	.891043	2.543028
20	.241300	.309055	.966966	1.000000	.907224	2.583645
21	.254000	.320393	.974793	1.000000	.927347	2.633286
22	.266700	.329805	.980990	1.000000	.944048	2.673785
23	.279400	.336844	.985569	1.000000	.956849	2.704414
24	.292100	.345441	.990843	1.000000	.972110	2.740484
25	.304800	.349961	.993540	1.000000	.980134	2.759260
26	.317500	.356112	.997127	1.000000	.991052	2.784604
27	.330200	.360484	.999622	1.000000	.998812	2.802479
28	.342900	.363596	1.001371	1.000000	1.004336	2.815134
29	.355600	.365449	1.002401	1.000000	1.007625	2.822640
30	.368300	.366931	1.003220	1.000000	1.010255	2.828630
31	.381000	.367227	1.003383	1.000000	1.010781	2.829827
32	.393700	.368561	1.004115	1.000000	1.013148	2.835205
33	.406400	.368561	1.004115	1.000000	1.013148	2.835205
34	.419100	.368561	1.004115	1.000000	1.013148	2.835205
35	.431800	.369154	1.004438	1.000000	1.014201	2.837591
36	.444500	.369228	1.004479	1.000000	1.014332	2.837890
37	.457200	.369154	1.004438	1.000000	1.014201	2.837591
38	.469900	.369450	1.004600	1.000000	1.014727	2.838784
39	.482600	.369895	1.004842	1.000000	1.015516	2.840572
40	.495300	.369895	1.004842	1.000000	1.015516	2.840572
41	.508000	.370265	1.005044	1.000000	1.016173	2.842061
42	.533400	.370710	1.005285	1.000000	1.016963	2.843847
43	.558800	.371081	1.005486	1.000000	1.017620	2.845335

ID NO. 13312-012

STATION X= 4.24 CM PTO= 23.598 N/SQ CM TTO=295.89K
R= 2.576 CM PWALL= .8061 N/SQ CM CF= .00186 PI = .785
UE= 603.0 M/SEC RHOE=.00760 KG/CUB M RE= 18.529E6 /M
DELTA= .348 CM DELTA*= .1047 CM THETA= .0201 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.034161	.000000	1.000000	.387928	.000000
2	.012700	.076590	.579561	1.000000	.488321	1.137530
3	.025400	.097265	.656286	1.000000	.526808	1.337921
4	.038100	.118237	.715298	1.000000	.564807	1.509898
5	.050800	.135355	.754551	1.000000	.595421	1.635353
6	.063500	.148249	.780523	1.000000	.618591	1.724243
7	.076200	.158401	.798920	1.000000	.636646	1.790455
8	.088900	.168998	.816610	1.000000	.655462	1.856947
9	.101600	.177520	.829847	1.000000	.670576	1.908679
10	.114300	.187895	.844904	1.000000	.688958	1.969767
11	.127000	.199084	.859984	1.000000	.708766	2.033541
12	.139700	.210719	.874694	1.000000	.729586	2.098483
13	.152400	.221612	.887381	1.000000	.748856	2.156851
14	.165100	.232950	.899728	1.000000	.768903	2.215938
15	.177800	.245251	.912236	1.000000	.790641	2.278283
16	.190500	.258146	.924457	1.000000	.813418	2.341825
17	.203200	.269113	.934205	1.000000	.832784	2.394526
18	.215900	.279932	.943294	1.000000	.851884	2.445389
19	.228600	.292975	.953612	1.000000	.874901	2.505314
20	.241300	.302905	.961040	1.000000	.892422	2.549985
21	.254000	.313872	.968849	1.000000	.911770	2.598422
22	.266700	.322839	.974947	1.000000	.927585	2.637355
23	.279400	.331731	.980755	1.000000	.943268	2.675402
24	.292100	.340401	.986312	1.000000	.958867	2.712718
25	.304800	.349590	.991868	1.000000	.975079	2.750962
26	.317500	.354555	.994780	1.000000	.983838	2.771404
27	.330200	.360187	.998012	1.000000	.993773	2.794411
28	.342900	.362485	.999309	1.000000	.997825	2.803740
29	.355600	.365597	1.001046	1.000000	1.003315	2.816331
30	.368300	.367820	1.002274	1.000000	1.007236	2.825290
31	.381000	.369450	1.003167	1.000000	1.010112	2.831841
32	.393700	.370043	1.003491	1.000000	1.011157	2.834220
33	.406400	.370858	1.003934	1.000000	1.012595	2.837487
34	.419100	.371155	1.004095	1.000000	1.013118	2.838674
35	.431800	.371081	1.004055	1.000000	1.012987	2.838377
36	.444500	.371525	1.004296	1.000000	1.013771	2.840157
37	.457200	.371451	1.004255	1.000000	1.013641	2.839861
38	.469900	.371081	1.004055	1.000000	1.012987	2.838377
39	.482600	.371081	1.004055	1.000000	1.012987	2.838377
40	.495300	.370932	1.003974	1.000000	1.012726	2.837784
41	.508000	.370784	1.003894	1.000000	1.012464	2.837190
42	.533400	.370636	1.003813	1.000000	1.012203	2.836596
43	.558800	.370562	1.003773	1.000000	1.012072	2.836299

STATION X= 4.75 CM PTO= 23.598 N/SQ CM TTO=295.89K
R= 2.576 CM PWALL= .8058 N/SQ CM CF= .00185 PI = .775
UE= 603.9 M/SEC RHOE=.00764 KG/CUB M RE= 18.735E6 /M
DELTA= .354 CM DELTA*= .1062 CM THETA= .0203 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.034146	.000000	1.000000	.386003	.000000
2	.012700	.076071	.576593	1.000000	.485007	1.132444
3	.025400	.098895	.660479	1.000000	.527215	1.352463
4	.038100	.119422	.717232	1.000000	.564211	1.519334
5	.050800	.134984	.752705	1.000000	.591911	1.633149
6	.063500	.147952	.778858	1.000000	.615108	1.722688
7	.076200	.158698	.798298	1.000000	.634131	1.792780
8	.088900	.169813	.816744	1.000000	.653777	1.862402
9	.101600	.178335	.829880	1.000000	.668821	1.914004
10	.114300	.188191	.844104	1.000000	.686203	1.971946
11	.127000	.200196	.860180	1.000000	.707356	2.040239
12	.139700	.211608	.874496	1.000000	.727690	2.103797
13	.152400	.222501	.887092	1.000000	.746872	2.162043
14	.165100	.232876	.898342	1.000000	.765131	2.216065
15	.177800	.243695	.909375	1.000000	.784164	2.271011
16	.190500	.257034	.922088	1.000000	.807620	2.336947
17	.203200	.267038	.931040	1.000000	.825206	2.385187
18	.215900	.277709	.940087	1.000000	.843959	2.435576
19	.228600	.291567	.951131	1.000000	.868305	2.499478
20	.241300	.303275	.959897	1.000000	.888871	2.552210
21	.254000	.310834	.965302	1.000000	.902144	2.585675
22	.266700	.323432	.973902	1.000000	.924264	2.640500
23	.279400	.333139	.980204	1.000000	.941306	2.681975
24	.292100	.341365	.985446	1.000000	.956055	2.717359
25	.304800	.346923	.988812	1.000000	.965816	2.740525
26	.317500	.355222	.993693	1.000000	.980392	2.774757
27	.330200	.359446	.996113	1.000000	.987809	2.792016
28	.342900	.363893	.998615	1.000000	.995616	2.810068
29	.355600	.366634	1.000135	1.000000	1.000431	2.821142
30	.368300	.367598	1.000665	1.000000	1.002122	2.825023
31	.381000	.369228	1.001558	1.000000	1.004985	2.831578
32	.393700	.370191	1.002082	1.000000	1.006676	2.835444
33	.406400	.370562	1.002284	1.000000	1.007327	2.836929
34	.419100	.370710	1.002364	1.000000	1.007587	2.837523
35	.431800	.370340	1.002163	1.000000	1.006936	2.836038
36	.444500	.370636	1.002324	1.000000	1.007457	2.837226
37	.457200	.370562	1.002284	1.000000	1.007327	2.836929
38	.469900	.370636	1.002324	1.000000	1.007457	2.837226
39	.482600	.371451	1.002765	1.000000	1.008888	2.840492
40	.495300	.411764	1.022928	1.000000	1.079655	2.997509
41	.508000	.447556	1.038459	1.000000	1.142471	3.130292
42	.533400	.451854	1.040196	1.000000	1.150013	3.145858
43	.558800	.456004	1.041848	1.000000	1.157295	3.160815

ID NO. 13312-014

STATION X= 5.00 CM PTO= 23.598 N/SQ CM TTO=295.89K
R= 2.576 CM PWALL= .8075 N/SQ CM CF= .00186 PI = .783
UE= 602.8 M/SEC RHOE=.00761 KG/CUB M RE= 18.514E6 /M
DELTA= .349 CM DELTA*= .1051 CM THETA= .0202 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.034219	.000000	1.000000	.388355	.000000
2	.012700	.076219	.577645	1.000000	.487938	1.132305
3	.025400	.097191	.655759	1.000000	.526954	1.335830
4	.038100	.118607	.715970	1.000000	.565733	1.511196
5	.050800	.135503	.754642	1.000000	.595931	1.634781
6	.063500	.147434	.778775	1.000000	.617374	1.717142
7	.076200	.157808	.797698	1.000000	.635817	1.784945
8	.088900	.167812	.814525	1.000000	.653573	1.847873
9	.101600	.178187	.830686	1.000000	.671963	1.910864
10	.114300	.188636	.845788	1.000000	.690464	1.972208
11	.127000	.199751	.860710	1.000000	.710129	2.035382
12	.139700	.212646	.876878	1.000000	.733164	2.106979
13	.152400	.223391	.889261	1.000000	.752160	2.164237
14	.165100	.235988	.902800	1.000000	.774418	2.229460
15	.177800	.245548	.912437	1.000000	.791300	2.277686
16	.190500	.256664	.923016	1.000000	.810924	2.332490
17	.203200	.269039	.934073	1.000000	.832765	2.392007
18	.215900	.281118	.944202	1.000000	.854075	2.448687
19	.228600	.288602	.950175	1.000000	.867277	2.483151
20	.241300	.301867	.960240	1.000000	.890669	2.543070
21	.254000	.311723	.967317	1.000000	.908046	2.586684
22	.266700	.322468	.974675	1.000000	.926988	2.633401
23	.279400	.330694	.980071	1.000000	.941486	2.668607
24	.292100	.339660	.985842	1.000000	.957598	2.707195
25	.304800	.346404	.989958	1.000000	.969488	2.735323
26	.317500	.351591	.993045	1.000000	.978634	2.756763
27	.330200	.356927	.996150	1.000000	.988041	2.778642
28	.342900	.361447	.998727	1.000000	.996010	2.797044
29	.355600	.364485	1.000433	1.000000	1.001366	2.809344
30	.368300	.370488	1.003741	1.000000	1.011947	2.833486
31	.381000	.424139	1.030103	1.000000	1.106500	3.040723
32	.393700	.449261	1.040761	1.000000	1.150761	3.133026
33	.406400	.453633	1.042522	1.000000	1.158464	3.148812
34	.419100	.455782	1.043378	1.000000	1.162250	3.156543
35	.431800	.456893	1.043818	1.000000	1.164208	3.160534
36	.444500	.458227	1.044344	1.000000	1.166558	3.165317
37	.457200	.459339	1.044781	1.000000	1.168516	3.169297
38	.469900	.459561	1.044868	1.000000	1.168908	3.170092
39	.482600	.460302	1.045158	1.000000	1.170213	3.172742
40	.495300	.460376	1.045187	1.000000	1.170344	3.173007
41	.508000	.460376	1.045187	1.000000	1.170344	3.173007
42	.533400	.460969	1.045418	1.000000	1.171388	3.175125
43	.558800	.461562	1.045649	1.000000	1.172433	3.177241

STATION X= 5.26 CM PTO= 23.598 N/SQ CM TTO=295.89K
R= 2.576 CM PWALL= .8102 N/SQ CM CF= .00142 PT[illegible]=1.102
UE= 628.9 M/SEC RHOE=.00887 KG/CUB M RE= 26.203E6 /M
DELTA= .390 CM DELTA*= .1346 CM THETA= .0215 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.034335	.000000	1.000000	.334207	.000000
2	.012700	.076590	.554113	1.000000	.420083	1.133477
3	.025400	.095412	.622067	1.000000	.450196	1.317298
4	.038100	.117570	.682798	1.000000	.484640	1.500197
5	.050800	.133057	.717369	1.000000	.508400	1.614327
6	.063500	.145729	.742391	1.000000	.527931	1.702424
7	.076200	.155956	.760547	1.000000	.543529	1.769637
8	.088900	.166701	.778088	1.000000	.559891	1.837497
9	.101600	.177446	.794255	1.000000	.576229	1.902848
10	.114300	.186635	.807120	1.000000	.590187	1.956948
11	.127000	.198269	.822282	1.000000	.607843	2.023313
12	.139700	.209755	.836153	1.000000	.625260	2.086711
13	.152400	.221612	.849612	1.000000	.643445	2.150913
14	.165100	.233765	.862294	1.000000	.661863	2.214042
15	.177800	.245029	.873276	1.000000	.678926	2.270959
16	.190500	.254366	.881870	1.000000	.693065	2.317063
17	.203200	.268150	.893790	1.000000	.713929	2.383470
18	.215900	.280525	.903788	1.000000	.732656	2.441535
19	.228600	.291937	.912472	1.000000	.749920	2.493868
20	.241300	.303349	.920687	1.000000	.767180	2.545113
21	.254000	.320764	.932404	1.000000	.793512	2.621363
22	.266700	.371377	.961869	1.000000	.870301	2.832026
23	.279400	.405539	.978519	1.000000	.921941	2.965291
24	.292100	.419915	.984904	1.000000	.943669	3.019604
25	.304800	.430216	.989276	1.000000	.959235	3.057924
26	.317500	.439701	.993163	1.000000	.973569	3.092788
27	.330200	.445778	.995585	1.000000	.982751	3.114917
28	.342900	.449631	.997095	1.000000	.988574	3.128869
29	.355600	.452299	.998128	1.000000	.992605	3.138491
30	.368300	.455486	.999350	1.000000	.997419	3.149946
31	.381000	.456523	.999745	1.000000	.998987	3.153666
32	.393700	.457486	1.000111	1.000000	1.000443	3.157117
33	.406400	.458672	1.000559	1.000000	1.002234	3.161359
34	.419100	.460154	1.001117	1.000000	1.004473	3.166653
35	.431800	.460821	1.001367	1.000000	1.005481	3.169033
36	.444500	.460969	1.001423	1.000000	1.005705	3.169561
37	.457200	.461710	1.001700	1.000000	1.006825	3.172203
38	.469900	.462525	1.002004	1.000000	1.008056	3.175106
39	.482600	.463859	1.002500	1.000000	1.010072	3.179850
40	.495300	.464971	1.002911	1.000000	1.011751	3.183799
41	.508000	.464600	1.002774	1.000000	1.011191	3.182483
42	.533400	.464897	1.002883	1.000000	1.011639	3.183535
43	.558800	.466082	1.003321	1.000000	1.013431	3.187742

ID NO. 13312-016

STATION X= 5.77 CM PTO= 23.598 N/SQ CM TTO=295.89K
R= 2.576 CM PWALL= 1.5362 N/SQ CM CF= .00139 PI =2.075
UE= 541.6 M/SEC RHOE=.01110 KG/CUB M RE= 18.844E6 /M
DELTA= .281 CM DELTA*= .1003 CM THETA= .0242 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.065097	.000000	1.000000	.506166	.000000
2	.012700	.098525	.475526	1.000000	.569794	.792798
3	.025400	.106454	.515239	1.000000	.582536	.868558
4	.038100	.115495	.553150	1.000000	.596262	.943388
5	.050800	.141357	.633357	1.000000	.631207	1.111381
6	.063500	.166108	.692338	1.000000	.563138	1.245227
7	.076200	.176483	.713449	1.000000	.576120	1.295697
8	.088900	.178039	.716804	1.000000	.678267	1.303856
9	.101600	.191155	.741163	1.000000	.694591	1.364290
10	.114300	.207458	.769017	1.000000	.714972	1.436181
11	.127000	.226355	.797854	1.000000	.738239	1.514085
12	.139700	.248512	.828145	1.000000	.765391	1.600209
13	.152400	.267779	.851917	1.000000	.788920	1.671255
14	.165100	.292011	.879232	1.000000	.818719	1.757113
15	.177800	.313353	.900852	1.000000	.844685	1.828645
16	.190500	.334918	.920888	1.000000	.870881	1.898083
17	.203200	.354555	.937753	1.000000	.894710	1.959106
18	.215900	.374119	.953396	1.000000	.918427	2.018013
19	.228600	.394498	.968594	1.000000	.943113	2.077554
20	.241300	.409911	.979601	1.000000	.962096	2.122204
21	.254000	.421546	.987419	1.000000	.976187	2.154749
22	.266700	.431031	.993582	1.000000	.987672	2.180915
23	.279400	.440294	.999428	1.000000	.998885	2.206164
24	.292100	.446371	1.003173	1.000000	1.006240	2.222568
25	.304800	.450743	1.005825	1.000000	1.011531	2.234296
26	.317500	.454226	1.007913	1.000000	1.015746	2.243593
27	.330200	.456375	1.009190	1.000000	1.018346	2.249310
28	.342900	.457783	1.010023	1.000000	1.020050	2.253048
29	.355600	.458450	1.010416	1.000000	1.020857	2.254817
30	.368300	.460228	1.011461	1.000000	1.023008	2.259525
31	.381000	.460451	1.011591	1.000000	1.023277	2.260113
32	.393700	.461266	1.012067	1.000000	1.024264	2.262267
33	.406400	.462970	1.013060	1.000000	1.026326	2.266765
34	.419100	.464749	1.014091	1.000000	1.028478	2.271449
35	.431800	.465564	1.014562	1.000000	1.029464	2.273592
36	.444500	.467046	1.015414	1.000000	1.031257	2.277484
37	.457200	.467639	1.015754	1.000000	1.031974	2.279039
38	.469900	.468676	1.016348	1.000000	1.033229	2.281757
39	.482600	.469417	1.016771	1.000000	1.034125	2.283696
40	.495300	.470084	1.017151	1.000000	1.034932	2.285441
41	.508000	.470603	1.017446	1.000000	1.035560	2.286796
42	.533400	.471047	1.017698	1.000000	1.036098	2.287958
43	.558800	.472604	1.018579	1.000000	1.037980	2.292018

ID NO. 13312-017

STATION X= 6.07 CM PTO= 23.598 N/SQ CM TTO=295.89K
R= 2.576 CM PWALL= 1.5457 N/SQ CM CF= .00117 PI =2.620
UE= 557.3 M/SEC RHOE=.01165 KG/CUB M RE= 21.865E6 /M
DELTA= .209 CM DELTA*= .0844 CM THETA= .0182 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.065502	.000000	1.000000	.477163	.000000
2	.012700	.098228	.457271	1.000000	.535731	.783397
3	.025400	.107936	.504337	1.000000	.550352	.875741
4	.038100	.123498	.562989	1.000000	.571943	.996579
5	.050800	.142617	.616470	1.000000	.595483	1.113477
6	.063500	.165663	.669821	1.000000	.623397	1.237873
7	.076200	.191229	.718387	1.000000	.653491	1.359293
8	.088900	.222501	.767942	1.000000	.689876	1.492963
9	.101600	.251402	.806515	1.000000	.723070	1.605232
10	.114300	.282971	.843126	1.000000	.759408	1.719751
11	.127000	.311204	.871637	1.000000	.791611	1.815208
12	.139700	.338549	.896306	1.000000	.822735	1.902923
13	.152400	.372637	.923711	1.000000	.861470	2.006740
14	.165100	.405761	.947561	1.000000	.899357	2.103334
15	.177800	.440220	.969611	1.000000	.938452	2.198561
16	.190500	.469491	.986590	1.000000	.971637	2.276270
17	.203200	.490833	.998084	1.000000	.995822	2.331271
18	.215900	.486313	.995707	1.000000	.990700	2.319732
19	.228600	.440516	.969790	1.000000	.938788	2.199362
20	.241300	.411838	.951627	1.000000	.906254	2.120444
21	.254000	.412801	.952264	1.000000	.907347	2.123143
22	.266700	.421027	.957626	1.000000	.916681	2.146052
23	.279400	.430290	.963500	1.000000	.927190	2.171556
24	.292100	.439924	.969431	1.000000	.938116	2.197760
25	.304800	.446741	.973524	1.000000	.945847	2.216113
26	.317500	.450743	.975887	1.000000	.950384	2.226814
27	.330200	.454300	.977963	1.000000	.954417	2.236283
28	.342900	.457338	.979720	1.000000	.957861	2.244338
29	.355600	.459413	.980910	1.000000	.960214	2.249822
30	.368300	.460969	.981798	1.000000	.961978	2.253927
31	.381000	.462896	.982892	1.000000	.964162	2.258998
32	.393700	.463489	.983227	1.000000	.964834	2.260556
33	.406400	.465638	.984438	1.000000	.967270	2.266195
34	.419100	.466379	.984854	1.000000	.968110	2.268136
35	.431800	.467120	.985268	1.000000	.968950	2.270075
36	.444500	.467713	.985600	1.000000	.969621	2.271625
37	.457200	.469269	.986466	1.000000	.971385	2.275690
38	.469900	.469491	.986590	1.000000	.971637	2.276270
39	.482600	.469862	.986795	1.000000	.972057	2.277236
40	.495300	.471418	.987657	1.000000	.973821	2.281291
41	.508000	.471788	.987861	1.000000	.974241	2.282255
42	.533400	.472752	.988392	1.000000	.975333	2.284760

ID NO. 13312-018

STATION X= 6.45 CM PTO= 23.598 N/SQ CM TTO=295.89K
R= 2.576 CM PWALL= 1.8846 N/SQ CM CF= .00106 PI =3.049
UE= 540.9 M/SEC RHOE=.01359 KG/CUB M RE= 22.975E6 /M
DELTA= .216 CM DELTA*= .0879 CM THETA= .0200 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.079862	.000000	1.000000	.507454	.000000
2	.012700	.110604	.424716	1.000000	.556936	.698250
3	.025400	.119941	.471939	1.000000	.569983	.784923
4	.038100	.135132	.532238	1.000000	.589739	.900422
5	.050800	.152917	.588432	1.000000	.611792	1.013930
6	.063500	.174037	.635465	1.000000	.633445	1.114183
7	.076200	.199010	.684541	1.000000	.659721	1.224868
8	.088900	.229764	.735152	1.000000	.691539	1.346777
9	.101600	.258887	.775707	1.000000	.721200	1.451229
10	.114300	.294679	.818246	1.000000	.757137	1.568488
11	.127000	.329138	.853627	1.000000	.791546	1.673078
12	.139700	.359817	.881735	1.000000	.822365	1.761492
13	.152400	.397165	.911900	1.000000	.859483	1.862411
14	.165100	.425770	.932670	1.000000	.887860	1.936023
15	.177800	.459784	.955149	1.000000	.921562	2.019964
16	.190500	.493723	.975697	1.000000	.955471	2.101038
17	.203200	.517289	.988778	1.000000	.978797	2.155038
18	.215900	.538482	.999879	1.000000	.999765	2.202452
19	.228600	.548857	1.005101	1.000000	1.010027	2.225287
20	.241300	.555971	1.008605	1.000000	1.017062	2.240808
21	.254000	.561307	1.011193	1.000000	1.022338	2.252377
22	.266700	.562344	1.011692	1.000000	1.023364	2.254620
23	.279400	.563826	1.012403	1.000000	1.024829	2.257820
24	.292100	.563604	1.012297	1.000000	1.024609	2.257340
25	.304800	.563900	1.012439	1.000000	1.024902	2.257980
26	.317500	.562196	1.011621	1.000000	1.023217	2.254300
27	.330200	.555230	1.008243	1.000000	1.016329	2.239196
28	.342900	.507655	.983528	1.000000	.969263	2.133131
29	.355600	.455486	.952430	1.000000	.917306	2.009556
30	.368300	.437256	.940514	1.000000	.899246	1.964781
31	.381000	.435477	.939317	1.000000	.897483	1.960357
32	.393700	.436441	.939966	1.000000	.898438	1.962755
33	.406400	.438886	.941605	1.000000	.900861	1.968828
34	.419100	.439331	.941902	1.000000	.901302	1.969930
35	.431800	.439331	.941902	1.000000	.901302	1.969930
36	.444500	.438812	.941556	1.000000	.900788	1.968644
37	.457200	.437626	.940762	1.000000	.899613	1.965702
38	.469900	.436663	.940115	1.000000	.898658	1.963308
39	.482600	.434736	.938816	1.000000	.896749	1.958510
40	.495300	.433254	.937811	1.000000	.895280	1.954812
41	.508000	.431698	.936752	1.000000	.893737	1.950920
42	.533400	.429845	.935484	1.000000	.891901	1.946277

ID NO. 13312-019

STATION X= 6.71 CM PTO= 23.598 N/SQ CM TTO=295.89K
R= 2.576 CM PWALL= 1.9543 N/SQ CM CF= .00113 PI =2.799
UE= 538.7 M/SEC RHOE=.01398 KG/CUB M RE= 23.372E6 /M
DELTA= .225 CM DELTA*= .0883 CM THETA= .0206 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.082818	.000000	1.000000	.511462	.000000
2	.012700	.120237	.454786	1.000000	.568952	.749673
3	.025400	.129278	.494523	1.000000	.580860	.823663
4	.038100	.143432	.545224	1.000000	.598361	.921687
5	.050800	.160328	.595529	1.000000	.618651	1.023654
6	.063500	.179373	.635475	1.000000	.637166	1.108541
7	.076200	.203382	.682153	1.000000	.661944	1.212886
8	.088900	.231542	.728300	1.000000	.690354	1.322431
9	.101600	.263481	.772597	1.000000	.722008	1.434668
10	.114300	.296902	.812191	1.000000	.754665	1.541922
11	.127000	.330323	.846694	1.000000	.787141	1.641647
12	.139700	.368339	.881321	1.000000	.824222	1.748572
13	.152400	.400130	.906847	1.000000	.854944	1.832442
14	.165100	.412431	.916048	1.000000	.866817	1.863842
15	.177800	.465045	.951784	1.000000	.917524	1.992390
16	.190500	.500170	.972849	1.000000	.951326	2.073658
17	.203200	.520253	.984220	1.000000	.970961	2.119437
18	.215900	.540631	.995001	1.000000	.990564	2.164173
19	.228600	.553081	1.001323	1.000000	1.002535	2.191045
20	.241300	.559676	1.004595	1.000000	1.008876	2.205145
21	.254000	.560343	1.004923	1.000000	1.009517	2.206566
22	.266700	.560491	1.004996	1.000000	1.009660	2.206881
23	.279400	.559899	1.004704	1.000000	1.009090	2.205619
24	.292100	.557527	1.003535	1.000000	1.006810	2.200561
25	.304800	.554489	1.002026	1.000000	1.003889	2.194063
26	.317500	.551747	1.000655	1.000000	1.001253	2.188182
27	.330200	.547894	.998712	1.000000	.997548	2.179889
28	.342900	.544114	.996789	1.000000	.993913	2.171725
29	.355600	.540854	.995116	1.000000	.990778	2.164656
30	.368300	.537371	.993313	1.000000	.987428	2.157079
31	.381000	.533369	.991222	1.000000	.983579	2.148340
32	.393700	.528627	.988717	1.000000	.979017	2.137935
33	.406400	.525736	.987176	1.000000	.976237	2.131569
34	.419100	.519586	.983858	1.000000	.970320	2.117956
35	.431800	.495724	.970291	1.000000	.947049	2.063552
36	.444500	.444222	.938293	1.000000	.897468	1.942563
37	.457200	.407540	.912432	1.000000	.862097	1.851424
38	.469900	.396869	.904348	1.000000	.851796	1.824024
39	.482600	.395461	.903261	1.000000	.850436	1.820377
40	.495300	.395090	.902974	1.000000	.850079	1.819416
41	.508000	.394572	.902572	1.000000	.849578	1.818070
42	.533400	.393757	.901939	1.000000	.848790	1.815952

ID NO. 13312-020

STATION X= 6.96 CM PTO= 23.598 N/SQ CM TTO=295.69K
R= 2.576 CM PWALL= 1.9352 N/SQ CM CF= .00130 PI =2.345
UE= 535.7 M/SEC RHOE=.01370 KG/CUB M RE= 22.553E6 /M
DELTA= .232 CM DELTA*= .0851 CM THETA= .0206 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.082006	.000000	1.000000	.516868	.000000
2	.012700	.130760	.508261	1.000000	.590596	.844390
3	.025400	.138171	.535386	1.000000	.599971	.896485
4	.038100	.150991	.575567	1.000000	.615375	.976061
5	.050800	.167294	.615870	1.000000	.632854	1.059135
6	.063500	.186709	.658287	1.000000	.653753	1.150623
7	.076200	.206643	.695508	1.000000	.674521	1.234839
8	.088900	.234951	.740854	1.000000	.703405	1.343217
9	.101600	.260295	.776139	1.000000	.729062	1.432625
10	.114300	.293864	.816594	1.000000	.762542	1.541519
11	.127000	.325581	.849951	1.000000	.794000	1.637248
12	.139700	.361447	.883421	1.000000	.829724	1.739583
13	.152400	.389607	.906758	1.000000	.857507	1.815185
14	.165100	.424510	.932897	1.000000	.891880	1.904573
15	.177800	.455856	.954135	1.000000	.922705	1.981307
16	.190500	.481496	.970148	1.000000	.947894	2.041871
17	.203200	.504394	.983532	1.000000	.970374	2.094443
18	.215900	.519586	.992160	1.000000	.985612	2.129341
19	.228600	.532035	.998838	1.000000	.997834	2.156924
20	.241300	.539742	1.002868	1.000000	1.005398	2.173820
21	.254000	.543521	1.004816	1.000000	1.009107	2.182057
22	.266700	.545152	1.005651	1.000000	1.010707	2.185600
23	.279400	.543521	1.004816	1.000000	1.009107	2.182057
24	.292100	.542114	1.004093	1.000000	1.007726	2.178992
25	.304800	.539298	1.002638	1.000000	1.004962	2.172849
26	.317500	.535815	1.000824	1.000000	1.001543	2.165226
27	.330200	.532554	.999112	1.000000	.998343	2.158065
28	.342900	.529145	.997306	1.000000	.994997	2.150553
29	.355600	.526700	.996002	1.000000	.992596	2.145147
30	.368300	.523217	.994130	1.000000	.989177	2.137423
31	.381000	.519512	.992119	1.000000	.985539	2.129176
32	.393700	.515955	.990172	1.000000	.982047	2.121227
33	.406400	.513657	.988904	1.000000	.979791	2.116077
34	.419100	.509730	.986720	1.000000	.975934	2.107243
35	.431800	.505802	.984513	1.000000	.972077	2.098371
36	.444500	.501653	.981972	1.000000	.967683	2.088219
37	.457200	.499207	.980571	1.000000	.965282	2.082652
38	.469900	.494168	.977655	1.000000	.960336	2.071133
39	.482600	.490611	.975574	1.000000	.956844	2.062962
40	.495300	.487276	.973604	1.000000	.953570	2.055272
41	.508000	.483571	.971395	1.000000	.949932	2.046692
42	.533400	.479347	.968849	1.000000	.945784	2.036866

ID NO. 13312-021

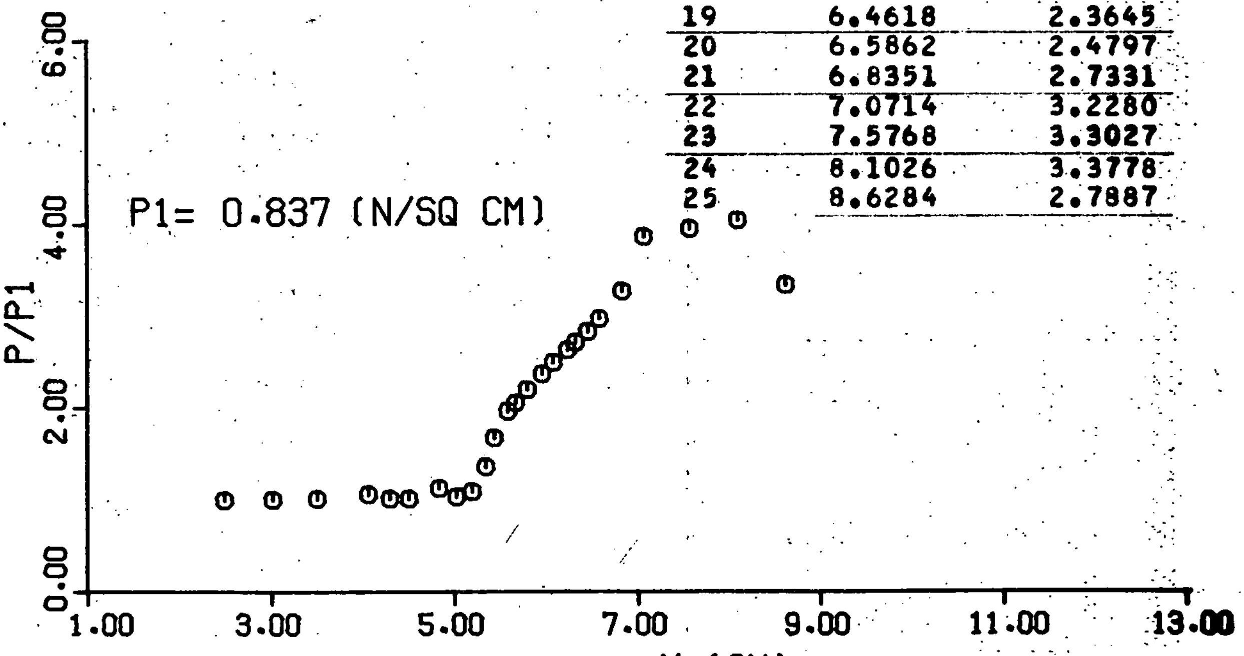
STATION X= 7.47 CM PTO= 23.598 N/SQ CM TTO=295.8ºK
R= 2.576 CM PWALL= 1.5256 N/SQ CM CF= .00164 PT =1.392
UE= 559.0 M/SEC RHOE=.01177 KG/CUB M RE= 21.925E6 /M
DELTA= .283 CM DELTA*= .0910 CM THETA= .0212 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.064647	.000000	1.000000	.474013	.000000
2	.012700	.134614	.597952	1.000000	.583807	1.076164
3	.025400	.141876	.617382	1.000000	.592876	1.119730
4	.038100	.156993	.653576	1.000000	.611379	1.203729
5	.050800	.171592	.684183	1.000000	.628846	1.277974
6	.063500	.186190	.711752	1.000000	.646200	1.347688
7	.076200	.202197	.738777	1.000000	.664889	1.418945
8	.088900	.221760	.768764	1.000000	.687830	1.501796
9	.101600	.239101	.792543	1.000000	.707890	1.570664
10	.114300	.257479	.815552	1.000000	.729079	1.640273
11	.127000	.280451	.841866	1.000000	.755745	1.723883
12	.139700	.303497	.865492	1.000000	.782205	1.803021
13	.152400	.325581	.886107	1.000000	.807515	1.875595
14	.165100	.346700	.904225	1.000000	.831688	1.942381
15	.177800	.375972	.927111	1.000000	.865152	2.031212
16	.190500	.396647	.941918	1.000000	.888765	2.091627
17	.203200	.418433	.956632	1.000000	.913943	2.154179
18	.215900	.433995	.966410	1.000000	.931710	2.197248
19	.228600	.454819	.978777	1.000000	.955475	2.253568
20	.241300	.467416	.985891	1.000000	.969847	2.286956
21	.254000	.479495	.992470	1.000000	.983624	2.318512
22	.266700	.484534	.995147	1.000000	.989371	2.331547
23	.279400	.491871	.998977	1.000000	.997737	2.350395
24	.292100	.496613	1.001411	1.000000	1.003144	2.362498
25	.304800	.496539	1.001374	1.000000	1.003060	2.362310
26	.317500	.496984	1.001600	1.000000	1.003567	2.363441
27	.330200	.497429	1.001826	1.000000	1.004074	2.364572
28	.342900	.495724	1.000957	1.000000	1.002130	2.360234
29	.355600	.494539	1.000350	1.000000	1.000778	2.357211
30	.368300	.492538	.999322	1.000000	.998497	2.352101
31	.381000	.491426	.998747	1.000000	.997230	2.349257
32	.393700	.489203	.997594	1.000000	.994695	2.343559
33	.406400	.487721	.996821	1.000000	.993004	2.339753
34	.419100	.486091	.995966	1.000000	.991145	2.335558
35	.431800	.484312	.995030	1.000000	.989117	2.330974
36	.444500	.482089	.993853	1.000000	.986582	2.325230
37	.457200	.480162	.992826	1.000000	.984385	2.320241
38	.469900	.477791	.991555	1.000000	.981680	2.314085
39	.482600	.475568	.990356	1.000000	.979145	2.308299
40	.495300	.473493	.989230	1.000000	.976778	2.302886
41	.508000	.470010	.987323	1.000000	.972805	2.293769
42	.533400	.469047	.986793	1.000000	.971706	2.291241
43	.558800	.463637	.983785	1.000000	.965535	2.276992

ID NO.12313-001

PTO= 23.6937 N/SQ CM
TTO= 296.6667 K
PBAR= 752.0000 MMHG
TMAN= 300.6667 K

I	X(CM)	P(N/SQ CM)
1	2.4968	.8370
2	3.0201	.8391
3	3.5077	.8463
4	4.0665	.8871
5	4.3028	.8480
6	4.5136	.8480
7	4.8387	.9406
8	5.0317	.8648
9	5.2019	.9111
10	5.3467	1.1343
11	5.4381	1.4011
12	5.5880	1.6415
13	5.6744	1.7180
14	5.7988	1.8384
15	5.9614	1.9793
16	6.0858	2.0822
17	6.2382	2.1974
18	6.3271	2.2650
19	6.4618	2.3645
20	6.5862	2.4797
21	6.8351	2.7331
22	7.0714	3.2280
23	7.5768	3.3027
24	8.1026	3.3778
25	8.6284	2.7887



ID NO. 12313- 001

STATION X= 4.30 CM PTO= 23.696 N/SQ CM TTO=296.67K
R= 2.588 CM PWALL= .8475 N/SQ CM CF= .00202 PI = .489
UE= 604.3 M/SEC RHOE=.00799 KG/CUB M RE= 19.528E6 /M
DELTA= .387 CM DELTA*= .1001 CM THETA= .0196 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.035766	.000000	1.000000	.386865	.000000
2	.012700	.116189	.695887	1.000000	.550240	1.453110
3	.025400	.127879	.724203	1.000000	.570237	1.539471
4	.038100	.140693	.751827	1.000000	.592053	1.628477
5	.050800	.152683	.775236	1.000000	.612602	1.708074
6	.063500	.163400	.794132	1.000000	.630763	1.775453
7	.076200	.173891	.811188	1.000000	.648513	1.838925
8	.088900	.183708	.826009	1.000000	.665101	1.896323
9	.101600	.195173	.842090	1.000000	.684454	1.961165
10	.114300	.204466	.854254	1.000000	.700126	2.012140
11	.127000	.215407	.867683	1.000000	.718564	2.070510
12	.139700	.228521	.882806	1.000000	.740899	2.139085
13	.152400	.238038	.892962	1.000000	.756930	2.186979
14	.165100	.250328	.905297	1.000000	.777622	2.247288
15	.177800	.260445	.914848	1.000000	.794648	2.295725
16	.190500	.273034	.926046	1.000000	.815828	2.354590
17	.203200	.285174	.936186	1.000000	.836245	2.409974
18	.215900	.295516	.944358	1.000000	.853633	2.456155
19	.228600	.308180	.953833	1.000000	.874921	2.511541
20	.241300	.319346	.961738	1.000000	.893686	2.559367
21	.254000	.329762	.968763	1.000000	.911188	2.603184
22	.266700	.340479	.975663	1.000000	.929191	2.647498
23	.279400	.348722	.980759	1.000000	.943038	2.681083
24	.292100	.359288	.987148	1.000000	.961097	2.724264
25	.304800	.365208	.990548	1.000000	.971046	2.747761
26	.317500	.370229	.993370	1.000000	.979482	2.767532
27	.330200	.374500	.995725	1.000000	.986660	2.784240
28	.342900	.377948	.997598	1.000000	.992452	2.797650
29	.355600	.379147	.998243	1.000000	.994466	2.802300
30	.368300	.381245	.999365	1.000000	.997991	2.810418
31	.381000	.382444	1.000002	1.000000	1.000006	2.815046
32	.393700	.382444	1.000002	1.000000	1.000006	2.815046
33	.406400	.382894	1.000240	1.000000	1.000761	2.816779
34	.419100	.383118	1.000359	1.000000	1.001139	2.817646
35	.431800	.383493	1.000557	1.000000	1.001768	2.819089
36	.444500	.383643	1.000636	1.000000	1.002020	2.819666
37	.457200	.383643	1.000636	1.000000	1.002020	2.819666
38	.469900	.383643	1.000636	1.000000	1.002020	2.819666
39	.482600	.383643	1.000636	1.000000	1.002020	2.819666
40	.495300	.383343	1.000478	1.000000	1.001517	2.818512
41	.508000	.383493	1.000557	1.000000	1.001768	2.819089
42	.520700	.383343	1.000478	1.000000	1.001517	2.818512
43	.533400	.383343	1.000478	1.000000	1.001517	2.818512

ID NO. 12313-003

STATION X= 4.50 CM PTO= 23.696 N/SQ CM TTO=296.67K
R= 2.588 CM PWALL= .8475 N/SQ CM CF= .00201 PI = .493
UE= 604.4 M/SEC RHOE=.00800 KG/CUB M RE= 19.552E6 /M
DELTA= .392 CM DELTA*= .1016 CM THETA= .0199 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.035766	.000000	1.000000	.386655	.000000
2	.012700	.114915	.692474	1.000000	.547756	1.443356
3	.025400	.128553	.725616	1.000000	.571077	1.544293
4	.038100	.139869	.750015	1.000000	.590331	1.622909
5	.050800	.151784	.773443	1.000000	.610744	1.702292
6	.063500	.161901	.791443	1.000000	.627883	1.766191
7	.076200	.171943	.807981	1.000000	.644868	1.827311
8	.088900	.182359	.823892	1.000000	.662463	1.888543
9	.101600	.193375	.839505	1.000000	.681050	1.951140
10	.114300	.204391	.854012	1.000000	.699619	2.011734
11	.127000	.214732	.866733	1.000000	.717038	2.066961
12	.139700	.226198	.880089	1.000000	.736585	2.127228
13	.152400	.236839	.891560	1.000000	.754501	2.181004
14	.165100	.249803	.904632	1.000000	.776317	2.244748
15	.177800	.260894	.915104	1.000000	.794972	2.297854
16	.190500	.272285	.925241	1.000000	.814125	2.351128
17	.203200	.283750	.934888	1.000000	.833398	2.403545
18	.215900	.293492	.942630	1.000000	.849769	2.447189
19	.228600	.305258	.951533	1.000000	.869536	2.498869
20	.241300	.315974	.959228	1.000000	.887536	2.545019
21	.254000	.327214	.966908	1.000000	.906414	2.592535
22	.266700	.336956	.973263	1.000000	.922773	2.633016
23	.279400	.345200	.978435	1.000000	.936612	2.666785
24	.292100	.354792	.984340	1.000000	.953023	2.706281
25	.304800	.362510	.988839	1.000000	.965987	2.737079
26	.317500	.367756	.991817	1.000000	.974797	2.757812
27	.330200	.372027	.994196	1.000000	.981970	2.774579
28	.342900	.376449	.996616	1.000000	.989395	2.791828
29	.355600	.379446	.998233	1.000000	.994429	2.803461
30	.368300	.380720	.998914	1.000000	.996568	2.808390
31	.381000	.382069	.999632	1.000000	.998833	2.813600
32	.393700	.382894	1.000068	1.000000	1.000217	2.816779
33	.406400	.383568	1.000425	1.000000	1.001350	2.819378
34	.419100	.383568	1.000425	1.000000	1.001350	2.819378
35	.431800	.383943	1.000622	1.000000	1.001979	2.820820
36	.444500	.383943	1.000622	1.000000	1.001979	2.820820
37	.457200	.383943	1.000622	1.000000	1.001979	2.820820
38	.469900	.383718	1.000504	1.000000	1.001601	2.819955
39	.482600	.383493	1.000335	1.000000	1.001224	2.819089
40	.495300	.383493	1.000385	1.000000	1.001224	2.819089
41	.508000	.384542	1.000938	1.000000	1.002986	2.823127
42	.520700	.400654	1.009150	1.000000	1.030037	2.884417
43	.533400	.460380	1.035697	1.000000	1.130290	3.101012

ID NO. 12313-004

STATION X= 4.83 CM PTO= 23.696 N/SQ CM TTO=296.67K
R= 2.588 CM PWALL= .9401 N/SQ CM CF= .00204 PI = .649
UE= 588.4 M/SEC RHOE=.00819 KG/CUB M RE= 18.027E6 /M
DELTA= .343 CM DELTA*= .0969 CM THETA= .0207 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.039674	.000000	1.000000	.418769	.000000
2	.012700	.113566	.675155	1.000000	.569712	1.342466
3	.025400	.125731	.707244	1.000000	.590422	1.431603
4	.038100	.142492	.745169	1.000000	.618332	1.543610
5	.050800	.152159	.764715	1.000000	.634400	1.604550
6	.063500	.163175	.785216	1.000000	.652660	1.671108
7	.076200	.173366	.802947	1.000000	.669745	1.731066
8	.088900	.182509	.817597	1.000000	.684859	1.782426
9	.101600	.194499	.835472	1.000000	.704652	1.847529
10	.114300	.202967	.847279	1.000000	.718614	1.892109
11	.127000	.214283	.862109	1.000000	.737256	1.950038
12	.139700	.224474	.874628	1.000000	.754031	2.000736
13	.152400	.236889	.888858	1.000000	.774369	2.060526
14	.165100	.247930	.900983	1.000000	.792863	2.113429
15	.177800	.258646	.911880	1.000000	.810481	2.162625
16	.190500	.269962	.922748	1.000000	.829077	2.213364
17	.203200	.282401	.934007	1.000000	.849512	2.267810
18	.215900	.292143	.942361	1.000000	.865510	2.309539
19	.228600	.302710	.951000	1.000000	.882856	2.353950
20	.241300	.314700	.960309	1.000000	.902535	2.403339
21	.254000	.325341	.968166	1.000000	.919995	2.446326
22	.266700	.335533	.975358	1.000000	.936714	2.488791
23	.279400	.344975	.981750	1.000000	.952201	2.523696
24	.292100	.352619	.986744	1.000000	.964736	2.553177
25	.304800	.359588	.991155	1.000000	.976164	2.579760
26	.317500	.366257	.995281	1.000000	.987100	2.604943
27	.330200	.370679	.997950	1.000000	.994349	2.621503
28	.342900	.374126	1.000000	1.000000	1.000000	2.634341
29	.355600	.376674	1.001497	1.000000	1.004177	2.643789
30	.368300	.384842	1.006200	1.000000	1.017567	2.673854
31	.381000	.426358	1.028123	1.000000	1.085969	2.822446
32	.393700	.466229	1.046277	1.000000	1.151321	2.957447
33	.406400	.472894	1.049086	1.000000	1.162253	2.979430
34	.419100	.475817	1.050298	1.000000	1.167042	2.989013
35	.431800	.477241	1.050884	1.000000	1.169376	2.993670
36	.444500	.478839	1.051560	1.000000	1.172078	2.999053
37	.457200	.480013	1.052018	1.000000	1.173920	3.002718
38	.469900	.480913	1.052384	1.000000	1.175394	3.005647
39	.482600	.482037	1.052840	1.000000	1.177236	3.009303
40	.495300	.482561	1.053052	1.000000	1.178096	3.011008
41	.508000	.482561	1.053052	1.000000	1.178096	3.011008
42	.520700	.483311	1.053354	1.000000	1.179324	3.013442

ID NO. 12313-005

STATION X= 5.06 CM PTO= 23.696 N/SQ CM TTO=296.67K
R= 2.588 CM PWALL= .8643 N/SQ CM CF= .00152 PI = .829
UE= 628.7 M/SEC RHOE=.00938 KG/CUB M RE= 27.433E6 /M
DELTA= .439 CM DELTA*= .1360 CM THETA= .0224 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.036475	.000000	1.000000	.336380	.000000
2	.012700	.113041	.655066	1.000000	.470308	1.410933
3	.025400	.125031	.684214	1.000000	.487983	1.501149
4	.038100	.139719	.715329	1.000000	.509336	1.603386
5	.050800	.150061	.734932	1.000000	.524314	1.671368
6	.063500	.161301	.754648	1.000000	.540740	1.742883
7	.076200	.169769	.768258	1.000000	.552967	1.794263
8	.088900	.180785	.784739	1.000000	.568851	1.858892
9	.101600	.191052	.798993	1.000000	.583636	1.917094
10	.114300	.198770	.809078	1.000000	.594743	1.959678
11	.127000	.212859	.826243	1.000000	.614997	2.035043
12	.139700	.222826	.837513	1.000000	.629314	2.086676
13	.152400	.235715	.851294	1.000000	.648039	2.152335
14	.165100	.248080	.863458	1.000000	.665794	2.212792
15	.177800	.254824	.869753	1.000000	.675474	2.245071
16	.190500	.269512	.882709	1.000000	.696549	2.313783
17	.203200	.277530	.889379	1.000000	.708049	2.350435
18	.215900	.290570	.899674	1.000000	.726747	2.408830
19	.228600	.299412	.906295	1.000000	.739423	2.447629
20	.241300	.311253	.914740	1.000000	.756393	2.498625
21	.254000	.323468	.922988	1.000000	.773896	2.550155
22	.266700	.337106	.931684	1.000000	.793435	2.606477
23	.279400	.365433	.948319	1.000000	.834274	2.720436
24	.292100	.420213	.975470	1.000000	.912742	2.926965
25	.304800	.444792	.985983	1.000000	.947939	3.015012
26	.317500	.455059	.990115	1.000000	.962639	3.051032
27	.330200	.463077	.993243	1.000000	.974119	3.078870
28	.342900	.468548	.995331	1.000000	.981951	3.097717
29	.355600	.473344	.997130	1.000000	.988817	3.114147
30	.368300	.476192	.998184	1.000000	.992894	3.123861
31	.381000	.477540	.998681	1.000000	.994825	3.128452
32	.393700	.478889	.999175	1.000000	.996756	3.133036
33	.406400	.478889	.999175	1.000000	.996756	3.133036
34	.419100	.479489	.999394	1.000000	.997614	3.135071
35	.431800	.480688	.999830	1.000000	.999330	3.139138
36	.444500	.481512	1.000129	1.000000	1.000511	3.141931
37	.457200	.482411	1.000455	1.000000	1.001798	3.144974
38	.469900	.483760	1.000941	1.000000	1.003729	3.149534
39	.482600	.484510	1.001210	1.000000	1.004802	3.152065
40	.495300	.485559	1.001586	1.000000	1.006304	3.155604
41	.508000	.486833	1.002041	1.000000	1.008127	3.159896
42	.520700	.487507	1.002281	1.000000	1.009093	3.162166

ID NO. 12313-006

STATION X= 5.34 CM PTO= 23.696 N/SQ CM TTO=296.67K
R= 2.588 CM PWALL= 1.1339 N/SQ CM CF= .00154 PI =1.282
UE= 594.3 M/SEC RHOE=.01016 KG/CUB M RE= 23.225E6 /M
DELTA= .317 CM DELTA*= .1071 CM THETA= .0212 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.047850	.000000	1.000000	.407064	.000000
2	.012700	.114240	.610042	1.000000	.522321	1.189832
3	.025400	.124282	.637499	1.000000	.536297	1.259911
4	.038100	.133275	.659894	1.000000	.548752	1.319226
5	.050800	.143616	.683155	1.000000	.562806	1.383108
6	.063500	.154932	.706637	1.000000	.578277	1.450179
7	.076200	.167521	.730164	1.000000	.595225	1.520262
8	.088900	.184532	.758740	1.000000	.618023	1.609728
9	.101600	.200419	.782882	1.000000	.639448	1.689491
10	.114300	.222151	.812054	1.000000	.668415	1.791699
11	.127000	.247705	.842087	1.000000	.702389	1.904598
12	.139700	.263892	.859140	1.000000	.723874	1.972662
13	.152400	.280003	.874820	1.000000	.745238	2.038092
14	.165100	.300012	.892889	1.000000	.772005	2.117213
15	.177800	.317473	.907261	1.000000	.795139	2.183268
16	.190500	.334633	.920387	1.000000	.817863	2.246301
17	.203200	.353368	.933709	1.000000	.842659	2.313102
18	.215900	.373751	.947141	1.000000	.869625	2.383625
19	.228600	.387839	.955843	1.000000	.888257	2.431158
20	.241300	.409047	.968136	1.000000	.916297	2.500987
21	.254000	.425458	.977043	1.000000	.937969	2.553701
22	.266700	.439247	.984155	1.000000	.956211	2.597154
23	.279400	.450937	.989937	1.000000	.971658	2.633428
24	.292100	.460829	.994662	1.000000	.984727	2.663732
25	.304600	.466300	.997212	1.000000	.991954	2.680343
26	.317500	.472445	1.000135	1.000000	1.000394	2.699613
27	.330200	.475742	1.001622	1.000000	1.004752	2.709509
28	.342900	.478964	1.003061	1.000000	1.009011	2.719146
29	.355600	.481437	1.004155	1.000000	1.012279	2.726518
30	.368300	.482636	1.004683	1.000000	1.013864	2.730085
31	.381000	.483610	1.005110	1.000000	1.015152	2.732980
32	.393700	.484660	1.005569	1.000000	1.016538	2.736094
33	.406400	.485559	1.005961	1.000000	1.017727	2.738761
34	.419100	.487058	1.006612	1.000000	1.019707	2.743199
35	.431800	.488406	1.007196	1.000000	1.021490	2.747187
36	.444500	.490205	1.007970	1.000000	1.023867	2.752496
37	.457200	.492303	1.008868	1.000000	1.026640	2.758676
38	.469900	.493877	1.009538	1.000000	1.028720	2.763302
39	.482600	.495151	1.010078	1.000000	1.030403	2.767041
40	.495300	.495750	1.010331	1.000000	1.031196	2.768799
41	.508000	.496500	1.010647	1.000000	1.032186	2.770995
42	.520700	.497549	1.011088	1.000000	1.033572	2.774066

STATION X= 5.60 CM PTO= 23.696 N/SQ CM TTO=296.67K
R= 2.588 CM PWALL= 1.6411 N/SQ CM CF= .00172 PI[illegible]=1.238
UE= 548.0 M/SEC RHOE=.01208 KG/CUB M RE= 21.095E6 /M
DELTA= .343 CM DELTA*= .0951 CM THETA= .0232 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.069255	.000000	1.000000	.495743	.000000
2	.012700	.118662	.531786	1.000000	.578194	.911920
3	.025400	.124432	.552908	1.000000	.586092	.954594
4	.038100	.144141	.610546	1.000000	.610498	1.075830
5	.050800	.164599	.659920	1.000000	.635243	1.186162
6	.063500	.186031	.702876	1.000000	.660216	1.287966
7	.076200	.207463	.740157	1.000000	.684963	1.381466
8	.088900	.226872	.770101	1.000000	.707247	1.460550
9	.101600	.250478	.802270	1.000000	.733954	1.550021
10	.114300	.269887	.826069	1.000000	.755821	1.619603
11	.127000	.297539	.856819	1.000000	.787137	1.714341
12	.139700	.320245	.879358	1.000000	.812596	1.787665
13	.152400	.336881	.894639	1.000000	.831221	1.839454
14	.165100	.347073	.903538	1.000000	.842621	1.870446
15	.177800	.353743	.909183	1.000000	.850077	1.890443
16	.190500	.367381	.920316	1.000000	.865317	1.930668
17	.203200	.384317	.933424	1.000000	.884228	1.979447
18	.215900	.399605	.944629	1.000000	.901286	2.022440
19	.228600	.419763	.958576	1.000000	.923766	2.077737
20	.241300	.435500	.969045	1.000000	.941621	2.120630
21	.254000	.448015	.976880	1.000000	.955575	2.153557
22	.266700	.459930	.984072	1.000000	.968856	2.184436
23	.279400	.466525	.987946	1.000000	.976205	2.201337
24	.292100	.472744	.991532	1.000000	.983136	2.217158
25	.304800	.477391	.994170	1.000000	.988313	2.228901
26	.317500	.481587	.996523	1.000000	.992988	2.239454
27	.330200	.485709	.998806	1.000000	.997579	2.249769
28	.342900	.487882	1.000000	1.000000	1.000000	2.255189
29	.355600	.489680	1.000982	1.000000	1.002003	2.259664
30	.368300	.490879	1.001634	1.000000	1.003339	2.262643
31	.381000	.492378	1.002447	1.000000	1.005008	2.266360
32	.393700	.493427	1.003013	1.000000	1.006177	2.268959
33	.406400	.495376	1.004061	1.000000	1.008347	2.273777
34	.419100	.496275	1.004542	1.000000	1.009348	2.275997
35	.431800	.497174	1.005023	1.000000	1.010350	2.278215
36	.444500	.497999	1.005462	1.000000	1.011268	2.280246
37	.457200	.498748	1.005861	1.000000	1.012102	2.282091
38	.469900	.499422	1.006219	1.000000	1.012854	2.283750
39	.482600	.500397	1.006735	1.000000	1.013938	2.286145
40	.495300	.501296	1.007210	1.000000	1.014940	2.288353
41	.508000	.501671	1.007407	1.000000	1.015357	2.289272
42	.520700	.502420	1.007802	1.000000	1.016192	2.291110
43	.533400	.503169	1.008196	1.000000	1.017026	2.292946

ID NO. 12313-008

STATION X= 5.80 CM PTO= 23.696 N/SQ CM TTO=296.67K
R= 2.588 CM PWALL= 1.8492 N/SQ CM CF= .00124 PT. =2.487
UE= 538.8 M/SEC RHOE=.01317 KG/CUB M RE= 21.925E6 /M
DELTA= .245 CM DELTA*= .0918 CM THETA= .0219 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	PHO/RHOE	M
1	.000000	.078039	.000000	1.000000	.512493	.000000
2	.012700	.122858	.499448	1.000000	.583444	.831998
3	.025400	.125181	.508986	1.000000	.586575	.850157
4	.038100	.136347	.549806	1.000000	.601071	.929617
5	.050800	.150435	.594269	1.000000	.619076	1.019733
6	.063500	.170144	.638909	1.000000	.639818	1.114548
7	.076200	.193000	.685377	1.000000	.664714	1.218650
8	.088900	.212859	.720497	1.000000	.686135	1.301574
9	.101600	.239986	.761662	1.000000	.714592	1.404181
10	.114300	.265990	.796409	1.000000	.741893	1.496024
11	.127000	.293867	.829067	1.000000	.770769	1.587388
12	.139700	.323393	.860012	1.000000	.801484	1.679128
13	.152400	.346549	.881769	1.000000	.825330	1.747030
14	.165100	.375924	.906898	1.000000	.855519	1.829384
15	.177800	.408897	.932307	1.000000	.889343	1.917456
16	.190500	.442020	.955319	1.000000	.923271	2.001911
17	.203200	.466599	.970995	1.000000	.948423	2.062290
18	.215900	.489680	.984940	1.000000	.972351	2.118132
19	.228600	.507741	.995120	1.000000	.990824	2.160259
20	.241300	.516958	1.000131	1.000000	1.000250	2.181439
21	.254000	.509614	.996149	1.000000	.992740	2.164581
22	.266700	.490954	.985675	1.000000	.973654	2.121132
23	.279400	.481737	.980303	1.000000	.964223	2.099330
24	.292100	.478964	.978476	1.000000	.961069	2.091989
25	.304800	.481737	.980303	1.000000	.964223	2.099330
26	.317500	.483910	.981582	1.000000	.966447	2.104491
27	.330200	.486983	.983376	1.000000	.969590	2.111766
28	.342900	.488406	.984203	1.000000	.971047	2.115128
29	.355600	.491179	.985804	1.000000	.973884	2.121661
30	.368300	.492153	.986363	1.000000	.974881	2.123951
31	.381000	.493577	.987179	1.000000	.976337	2.127294
32	.393700	.494701	.987820	1.000000	.977487	2.129929
33	.406400	.495900	.988502	1.000000	.978714	2.132736
34	.419100	.496874	.989054	1.000000	.979710	2.135014
35	.431800	.498373	.989902	1.000000	.981243	2.138515
36	.444500	.499947	.990787	1.000000	.982853	2.142183
37	.457200	.501221	.991502	1.000000	.984156	2.145148
38	.469900	.501970	.991921	1.000000	.984923	2.146891
39	.482600	.503244	.992632	1.000000	.986226	2.149649
40	.495300	.504443	.993298	1.000000	.987452	2.152630
41	.508000	.505942	.994128	1.000000	.988985	2.156101
42	.520700	.505942	.994128	1.000000	.988985	2.156101
43	.533400	.506392	.994377	1.000000	.989445	2.157141

STATION X= 6.08 CM PTO= 23.696 N/SQ CM TTO=296.67K
R= 2.588 CM PWALL= 2.1023 N/SQ CM CF= .00100 PI =3.152
UE= 540.9 M/SEC RHOE=.01508 KG/CUB M RE= 25.373E6 /M
DELTA= .257 CM DELTA*= .1028 CM THETA= .0236 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.088720	.000000	1.000000	.508775	.000000
2	.012700	.128179	.450715	1.000000	.565173	.744485
3	.025400	.131701	.466136	1.000000	.569567	.772944
4	.038100	.139195	.495791	1.000000	.578645	.828643
5	.050800	.154707	.546842	1.000000	.596379	.927867
6	.063500	.173291	.597297	1.000000	.616885	1.030754
7	.076200	.193375	.636384	1.000000	.635125	1.114324
8	.088900	.216006	.677222	1.000000	.656729	1.205832
9	.101600	.239612	.714019	1.000000	.678762	1.292502
10	.114300	.271386	.756982	1.000000	.708090	1.399562
11	.127000	.302485	.793489	1.000000	.736594	1.496297
12	.139700	.332535	.824420	1.000000	.763777	1.583051
13	.152400	.367231	.856389	1.000000	.795291	1.678020
14	.165100	.395108	.879316	1.000000	.820358	1.749886
15	.177800	.433477	.907769	1.000000	.854784	1.844021
16	.190500	.466300	.929693	1.000000	.884180	1.920758
17	.203200	.504443	.952811	1.000000	.918297	2.006138
18	.215900	.534868	.969679	1.000000	.945481	2.071654
19	.228600	.560722	.983232	1.000000	.968891	2.126455
20	.241300	.582754	.993994	1.000000	.988569	2.171450
21	.254000	.593919	.999242	1.000000	.998538	2.193894
22	.266700	.600514	1.002279	1.000000	1.004426	2.207040
23	.279400	.604261	1.003985	1.000000	1.007770	2.214475
24	.292100	.603886	1.003815	1.000000	1.007436	2.213732
25	.304800	.601413	1.002690	1.000000	1.005228	2.208827
26	.317500	.596018	1.000213	1.000000	1.000412	2.198086
27	.330200	.583878	.994528	1.000000	.989573	2.173720
28	.342900	.559298	.982517	1.000000	.967619	2.123514
29	.355600	.521979	.962690	1.000000	.933967	2.044161
30	.368300	.498148	.949155	1.000000	.912669	1.992307
31	.381000	.493277	.946284	1.000000	.908314	1.981537
32	.393700	.493577	.946462	1.000000	.908582	1.982201
33	.406400	.494776	.947171	1.000000	.909654	1.984857
34	.419100	.496800	.948363	1.000000	.911463	1.989331
35	.431800	.497924	.949023	1.000000	.912468	1.991812
36	.444500	.499272	.949812	1.000000	.913674	1.994785
37	.457200	.500771	.950685	1.000000	.915014	1.998082
38	.469900	.501745	.951251	1.000000	.915885	2.000223
39	.482600	.502870	.951902	1.000000	.916890	2.002690
40	.495300	.503694	.952379	1.000000	.917627	2.004497
41	.508000	.504893	.953070	1.000000	.918699	2.007123
42	.520700	.505717	.953544	1.000000	.919435	2.008926
43	.533400	.506991	.954274	1.000000	.920574	2.011709

ID NO. 12313-010

STATION X= 6.33 CM PTO= 23.696 N/SQ CM TTO=296.67K
R= 2.588 CM PWALL= 2.2968 N/SQ CM CF= .00105 PI[illegible]=3.012
UE= 533.5 M/SEC RHOE=.01605 KG/CUB M RE= 26.018E6 /M
DELTA= .248 CM DELTA*= .0970 CM THETA= .0231 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.096925	.000000	1.000000	.522095	.000000
2	.012700	.134848	.434037	1.000000	.573751	.703346
3	.025400	.147288	.485584	1.000000	.588400	.796860
4	.038100	.159803	.527781	1.000000	.602270	.876254
5	.050800	.174266	.568247	1.000000	.617366	.955188
6	.063500	.193000	.613316	1.000000	.636521	1.046818
7	.076200	.213833	.649610	1.000000	.653986	1.123874
8	.088900	.237963	.689603	1.000000	.675649	1.212664
9	.101600	.267938	.732402	1.000000	.702075	1.312871
10	.114300	.298213	.769446	1.000000	.728108	1.404614
11	.127000	.332011	.806035	1.000000	.757198	1.500512
12	.139700	.363185	.835735	1.000000	.783684	1.582777
13	.152400	.401104	.868168	1.000000	.816034	1.677794
14	.165100	.436699	.895142	1.000000	.846095	1.761498
15	.177800	.479938	.924434	1.000000	.882525	1.857891
16	.190500	.511487	.943776	1.000000	.909061	1.925070
17	.203200	.546484	.963517	1.000000	.938463	1.996866
18	.215900	.573311	.977571	1.000000	.960984	2.050157
19	.228600	.597741	.989824	1.000000	.981802	2.098219
20	.241300	.613553	.997291	1.000000	.995072	2.128287
21	.254000	.622771	1.001527	1.000000	1.002806	2.145616
22	.266700	.627042	1.003462	1.000000	1.006389	2.153599
23	.279400	.629065	1.004372	1.000000	1.008087	2.157370
24	.292100	.629140	1.004406	1.000000	1.008150	2.157509
25	.304800	.628466	1.004103	1.000000	1.007584	2.156253
26	.317500	.626892	1.003394	1.000000	1.006264	2.153319
27	.330200	.625169	1.002616	1.000000	1.004818	2.150102
28	.342900	.623295	1.001766	1.000000	1.003246	2.146598
29	.355600	.621047	1.000742	1.000000	1.001360	2.142387
30	.368300	.618124	.999403	1.000000	.998908	2.136899
31	.381000	.614303	.997639	1.000000	.995701	2.129701
32	.393700	.608233	.994807	1.000000	.990608	2.118218
33	.406400	.587100	.984463	1.000000	.972553	2.077002
34	.419100	.537341	.958521	1.000000	.930785	1.978369
35	.431800	.505043	.939951	1.000000	.903643	1.911545
36	.444500	.499272	.936473	1.000000	.898791	1.899351
37	.457200	.498373	.935926	1.000000	.898034	1.897444
38	.469900	.500397	.937154	1.000000	.899736	1.901733
39	.482600	.502270	.938286	1.000000	.901311	1.905696
40	.495300	.503994	.939323	1.000000	.902761	1.909334
41	.508000	.505942	.940489	1.000000	.904399	1.913438
42	.520700	.507815	.941604	1.000000	.905974	1.917376
43	.533400	.509989	.942892	1.000000	.907801	1.921933

STATION X= 6.59 CM PTO= 23.696 N/SQ CM TTO=296.67K
R= 2.588 CM PWALL= 2.5269 N/SQ CM CF= .00096 PI =3.398
UE= 523.0 M/SEC RHOE=.01705 KG/CUB M RE= 26.230E6 /M
DELTA= .250 CM DELTA*= .0990 CM THETA= .0241 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.106636	.000000	1.000000	.540826	.000000
2	.012700	.143616	.421416	1.000000	.588844	.666279
3	.025400	.151110	.454368	1.000000	.597464	.723615
4	.038100	.162425	.496696	1.000000	.609919	.799229
5	.050800	.178912	.547098	1.000000	.627000	.892573
6	.063500	.193974	.584982	1.000000	.641649	.965464
7	.076200	.215332	.627662	1.000000	.660266	1.050824
8	.088900	.239087	.669138	1.000000	.680793	1.137543
9	.101600	.266290	.710101	1.000000	.703775	1.227387
10	.114300	.298813	.752037	1.000000	.730540	1.324359
11	.127000	.331411	.788491	1.000000	.756905	1.413390
12	.139700	.367531	.824409	1.000000	.786173	1.506075
13	.152400	.405750	.857731	1.000000	.816730	1.597111
14	.165100	.440071	.884540	1.000000	.844069	1.674369
15	.177800	.484660	.916008	1.000000	.879791	1.770246
16	.190500	.522428	.939766	1.000000	.909753	1.846827
17	.203200	.559823	.961240	1.000000	.939372	1.919531
18	.215900	.588824	.976667	1.000000	.962318	1.974016
19	.228600	.613853	.989212	1.000000	.982107	2.019825
20	.241300	.629815	.996870	1.000000	.994721	2.048489
21	.254000	.638882	1.001107	1.000000	1.001885	2.064592
22	.266700	.642554	1.002801	1.000000	1.004785	2.071076
23	.279400	.642105	1.002594	1.000000	1.004430	2.070283
24	.292100	.641955	1.002525	1.000000	1.004312	2.070019
25	.304800	.642255	1.002663	1.000000	1.004549	2.070547
26	.317500	.642779	1.002904	1.000000	1.004963	2.071472
27	.330200	.643753	1.003351	1.000000	1.005733	2.073189
28	.342900	.645177	1.004003	1.000000	1.006857	2.075695
29	.355600	.646526	1.004618	1.000000	1.007923	2.078066
30	.368300	.647800	1.005198	1.000000	1.008929	2.080303
31	.381000	.650648	1.006489	1.000000	1.011178	2.085295
32	.393700	.652146	1.007165	1.000000	1.012362	2.087917
33	.406400	.643828	1.003385	1.000000	1.005792	2.073321
34	.419100	.592346	.978474	1.000000	.965103	1.980528
35	.431800	.552853	.957379	1.000000	.933855	1.906198
36	.444500	.541013	.950675	1.000000	.924478	1.883323
37	.457200	.539814	.949985	1.000000	.923529	1.880991
38	.469900	.541013	.950675	1.000000	.924478	1.883323
39	.482600	.542287	.951405	1.000000	.925487	1.885798
40	.495300	.543186	.951919	1.000000	.926200	1.887543
41	.508000	.544685	.952774	1.000000	.927386	1.890448
42	.520700	.545584	.953285	1.000000	.928099	1.892189
43	.533400	.644203	1.003557	1.000000	1.006088	2.073980

ID NO. 12313-012

STATION X= 6.84 CM PTO= 23.696 N/SQ CM TTO=296.67K
R= 2.588 CM PWALL= 2.7872 N/SQ CM CF= .00087 PI =3.866
UE= 513.4 M/SEC RHOE=.01824 KG/CUB M RE= 26.818E6 /M
DELTA= .256 CM DELTA*= .1032 CM THETA= .0254 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.117621	.000000	1.000000	.557406	.000000
2	.012700	.150660	.392800	1.000000	.598261	.605367
3	.025400	.158679	.430407	1.000000	.607190	.668257
4	.038100	.169170	.472066	1.000000	.618399	.739672
5	.050800	.180336	.509608	1.000000	.629796	.805820
6	.063500	.198396	.559906	1.000000	.647207	.897508
7	.076200	.219004	.606359	1.000000	.665742	.985789
8	.088900	.237738	.639382	1.000000	.680541	1.050967
9	.101600	.262318	.679536	1.000000	.700590	1.133303
10	.114300	.290795	.719191	1.000000	.722895	1.218382
11	.127000	.320845	.756199	1.000000	.746285	1.301638
12	.139700	.358763	.796469	1.000000	.774999	1.397079
13	.152400	.402977	.837637	1.000000	.808468	1.500683
14	.165100	.444867	.871611	1.000000	.839772	1.591495
15	.177800	.486008	.901372	1.000000	.870396	1.675575
16	.190500	.532845	.931946	1.000000	.905473	1.766975
17	.203200	.569190	.953267	1.000000	.932419	1.834096
18	.215900	.601488	.970821	1.000000	.956333	1.891670
19	.228600	.628016	.984364	1.000000	.975956	1.937636
20	.241300	.646601	.993421	1.000000	.989694	1.969180
21	.254000	.658891	.999228	1.000000	.998776	1.989758
22	.266700	.666310	1.002666	1.000000	1.004257	2.002074
23	.279400	.669757	1.004246	1.000000	1.006803	2.007770
24	.292100	.672080	1.005305	1.000000	1.008519	2.011600
25	.304800	.675752	1.006970	1.000000	1.011231	2.017638
26	.317500	.679199	1.008521	1.000000	1.013777	2.023289
27	.330200	.684595	1.010930	1.000000	1.017762	2.032102
28	.342900	.690964	1.013741	1.000000	1.022465	2.042457
29	.355600	.693362	1.014791	1.000000	1.024235	2.046341
30	.368300	.692613	1.014463	1.000000	1.023682	2.045128
31	.381000	.692238	1.014299	1.000000	1.023406	2.044521
32	.393700	.690215	1.013412	1.000000	1.021912	2.041242
33	.406400	.688117	1.012488	1.000000	1.020362	2.037835
34	.419100	.687292	1.012125	1.000000	1.019754	2.036494
35	.431800	.685569	1.011362	1.000000	1.018481	2.033690
36	.444500	.684595	1.010930	1.000000	1.017762	2.032102
37	.457200	.683470	1.010430	1.000000	1.016932	2.030270
38	.469900	.681747	1.009662	1.000000	1.015659	2.027456
39	.482600	.682122	1.009829	1.000000	1.015935	2.028068
40	.495300	.681597	1.009595	1.000000	1.015548	2.027211
41	.508000	.681372	1.009494	1.000000	1.015382	2.026844
42	.520700	.681372	1.009494	1.000000	1.015382	2.026844
43	.533400	.681372	1.009494	1.000000	1.015382	2.026844

ID NO. 12313-013

STATION X= 7.07 CM PTO= 23.696 N/SQ CM TTO=296.67K
R= 2.588 CM PWALL= 3.2395 N/SQ CM CF= .00070 PI =4.767
UE= 505.4 M/SEC RHOE=.02069 KG/CUB M RE= 29.298E6 /M
DELTA= .271 CM DELTA*= .1129 CM THETA= .0276 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.136709	.000000	1.000000	.571146	.000000
2	.012700	.166397	.356819	1.000000	.604133	.537378
3	.025400	.172092	.385247	1.000000	.609970	.582988
4	.038100	.181535	.426009	1.000000	.619350	.649610
5	.050800	.193750	.470236	1.000000	.630982	.723753
6	.063500	.204616	.503759	1.000000	.640896	.781416
7	.076200	.221252	.547420	1.000000	.655371	.858678
8	.088900	.239537	.587583	1.000000	.670409	.932191
9	.101600	.262243	.631743	1.000000	.689087	1.016116
10	.114300	.290570	.670665	1.000000	.707648	1.093151
11	.127000	.322119	.711891	1.000000	.729748	1.178326
12	.139700	.356066	.750643	1.000000	.753137	1.262223
13	.152400	.392860	.787431	1.000000	.778033	1.345791
14	.165100	.439097	.828019	1.000000	.809022	1.443067
15	.177800	.485034	.863231	1.000000	.839388	1.532408
16	.190500	.543786	.902761	1.000000	.878019	1.639044
17	.203200	.589573	.930365	1.000000	.908321	1.718063
18	.215900	.635960	.955505	1.000000	.938673	1.793725
19	.228600	.670881	.972961	1.000000	.961487	1.848558
20	.241300	.700931	.987087	1.000000	.981098	1.894425
21	.254000	.716144	.993947	1.000000	.991019	1.917213
22	.266700	.727684	.999028	1.000000	.998544	1.934315
23	.279400	.732480	1.001110	1.000000	1.001670	1.941376
24	.292100	.733829	1.001692	1.000000	1.002549	1.943358
25	.304800	.733379	1.001498	1.000000	1.002256	1.942698
26	.317500	.732330	1.001045	1.000000	1.001572	1.941156
27	.330200	.729258	.999713	1.000000	.999569	1.936635
28	.342900	.728284	.999289	1.000000	.998934	1.935199
29	.355600	.725511	.998079	1.000000	.997127	1.931106
30	.368300	.723038	.996995	1.000000	.995515	1.927448
31	.381000	.721389	.996270	1.000000	.994440	1.925006
32	.393700	.720415	.995840	1.000000	.993805	1.923561
33	.406400	.719441	.995410	1.000000	.993169	1.922115
34	.419100	.718542	.995012	1.000000	.992583	1.920779
35	.431800	.717118	.994380	1.000000	.991655	1.918662
36	.444500	.716818	.994247	1.000000	.991459	1.918216
37	.457200	.715844	.993814	1.000000	.990824	1.916766
38	.469900	.714645	.993280	1.000000	.990042	1.914980
39	.482600	.713895	.992945	1.000000	.989553	1.913863
40	.495300	.713521	.992778	1.000000	.989309	1.913304
41	.508000	.711422	.991838	1.000000	.987941	1.910171
42	.520700	.709174	.990828	1.000000	.986475	1.906808
43	.533400	.707301	.989983	1.000000	.985253	1.904001

ID NO. 12313-014

STATION X= 7.58 CM PTO= 23.696 N/SQ CM TTO=296.67K
R= 2.588 CM PWALL= 3.3153 N/SQ CM CF= .00091 PT[illegible]=3.626
UE= 504.9 M/SEC RHOE=.02115 KG/CUB M RE= 29.871E6 /M
DELTA= .287 CM DELTA*= .1098 CM THETA= .0285 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.139908	.000000	1.000000	.571984	.000000
2	.012700	.188729	.437613	1.000000	.623054	.668154
3	.025400	.192775	.452180	1.000000	.626842	.692490
4	.038100	.202592	.484260	1.000000	.635801	.746900
5	.050800	.212484	.512778	1.000000	.644520	.796290
6	.063500	.227247	.549867	1.000000	.657009	.862118
7	.076200	.241860	.581594	1.000000	.668812	.920016
8	.088900	.261194	.617800	1.000000	.683671	.988085
9	.101600	.283376	.651306	1.000000	.698874	1.053193
10	.114300	.311927	.690892	1.000000	.718848	1.133058
11	.127000	.341752	.726755	1.000000	.739061	1.208513
12	.139700	.375699	.762794	1.000000	.761673	1.287701
13	.152400	.407698	.793309	1.000000	.782861	1.357714
14	.165100	.446666	.826665	1.000000	.808453	1.437742
15	.177800	.496725	.864317	1.000000	.840840	1.533039
16	.190500	.507965	.872139	1.000000	.848087	1.553564
17	.203200	.588899	.923112	1.000000	.900376	1.694298
18	.215900	.636185	.948922	1.000000	.930673	1.770730
19	.228600	.669907	.965908	1.000000	.952243	1.823195
20	.241300	.703554	.981815	1.000000	.973741	1.874023
21	.254000	.721539	.989927	1.000000	.985223	1.900615
22	.266700	.733454	.995161	1.000000	.992827	1.918022
23	.279400	.741548	.998654	1.000000	.997991	1.929753
24	.292100	.746344	1.000701	1.000000	1.001050	1.936670
25	.304800	.748667	1.001686	1.000000	1.002532	1.940012
26	.317500	.750091	1.002288	1.000000	1.003441	1.942057
27	.330200	.748442	1.001591	1.000000	1.002389	1.939689
28	.342900	.748817	1.001750	1.000000	1.002628	1.940227
29	.355600	.748592	1.001655	1.000000	1.002485	1.939904
30	.368300	.748592	1.001655	1.000000	1.002485	1.939904
31	.381000	.748892	1.001782	1.000000	1.002676	1.940335
32	.393700	.750240	1.002352	1.000000	1.003536	1.942272
33	.406400	.751065	1.002699	1.000000	1.004062	1.943455
34	.419100	.752638	1.003362	1.000000	1.005066	1.945711
35	.431800	.754287	1.004054	1.000000	1.006117	1.948072
36	.444500	.755036	1.004368	1.000000	1.006595	1.949144
37	.457200	.755936	1.004745	1.000000	1.007169	1.950429
38	.469900	.756985	1.005183	1.000000	1.007838	1.951928
39	.482600	.757584	1.005433	1.000000	1.008220	1.952784
40	.495300	.756835	1.005120	1.000000	1.007742	1.951714
41	.508000	.756086	1.004807	1.000000	1.007264	1.950643
42	.520700	.755786	1.004682	1.000000	1.007073	1.950215
43	.533400	.753987	1.003929	1.000000	1.005926	1.947643

ID NO. 12313-015

STATION X= 8.11 CM PTO= 23.696 N/SQ CM TTO=296.67K
R= 2.588 CM PWALL= 3.3911 N/SQ CM CF= .00120 PI [illegible]=2.565
UE= 500.3 M/SEC RHOE=.02134 KG/CUB M RE= 29.516E6 /M
DELTA= .286 CM DELTA*= .0976 CM THETA= .0273 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.143106	.000000	1.000000	.579719	.000000
2	.012700	.215557	.512640	1.000000	.651699	.787920
3	.025400	.223050	.532321	1.000000	.658094	.822174
4	.038100	.234591	.559785	1.000000	.667648	.870844
5	.050800	.246656	.585450	1.000000	.677283	.917319
6	.063500	.259695	.610334	1.000000	.687325	.963373
7	.076200	.277680	.642926	1.000000	.701606	1.025306
8	.088900	.301436	.673630	1.000000	.716334	1.085487
9	.101600	.325266	.704729	1.000000	.732644	1.148455
10	.114300	.350220	.734133	1.000000	.749486	1.210046
11	.127000	.380346	.765903	1.000000	.769409	1.279081
12	.139700	.417065	.800619	1.000000	.793479	1.357811
13	.152400	.452211	.830205	1.000000	.816132	1.427944
14	.165100	.489755	.859195	1.000000	.840487	1.499695
15	.177800	.527524	.885461	1.000000	.864629	1.567581
16	.190500	.574286	.914968	1.000000	.894414	1.647483
17	.203200	.614827	.938524	1.000000	.920474	1.714341
18	.215900	.649149	.956803	1.000000	.942258	1.768290
19	.228600	.677700	.971113	1.000000	.960357	1.811891
20	.241300	.702130	.982768	1.000000	.975829	1.848349
21	.254000	.718242	.990178	1.000000	.986027	1.871990
22	.266700	.729857	.995390	1.000000	.993376	1.888843
23	.279400	.737201	.998632	1.000000	.998021	1.899420
24	.292100	.741922	1.000693	1.000000	1.001007	1.906186
25	.304800	.741323	1.000433	1.000000	1.000628	1.905328
26	.317500	.740424	1.000041	1.000000	1.000059	1.904041
27	.330200	.737201	.998632	1.000000	.998021	1.899420
28	.342900	.734354	.997380	1.000000	.996220	1.895326
29	.355600	.729707	.995324	1.000000	.993281	1.888627
30	.368300	.724836	.993150	1.000000	.990199	1.881578
31	.381000	.718766	.990416	1.000000	.986359	1.872754
32	.393700	.712547	.987583	1.000000	.982423	1.863668
33	.406400	.707076	.985066	1.000000	.978960	1.855639
34	.419100	.701156	.982314	1.000000	.975212	1.846909
35	.431800	.694411	.979142	1.000000	.970942	1.836911
36	.444500	.687517	.975860	1.000000	.966576	1.826632
37	.457200	.680773	.972608	1.000000	.962304	1.816518
38	.469900	.674478	.969536	1.000000	.958315	1.807025
39	.482600	.666235	.965459	1.000000	.953091	1.794514
40	.495300	.660240	.962454	1.000000	.949291	1.785359
41	.508000	.653121	.958841	1.000000	.944777	1.774422
42	.520700	.645702	.955022	1.000000	.940072	1.762949
43	.533400	.638957	.951503	1.000000	.935793	1.752452

ID NO. 12313-016

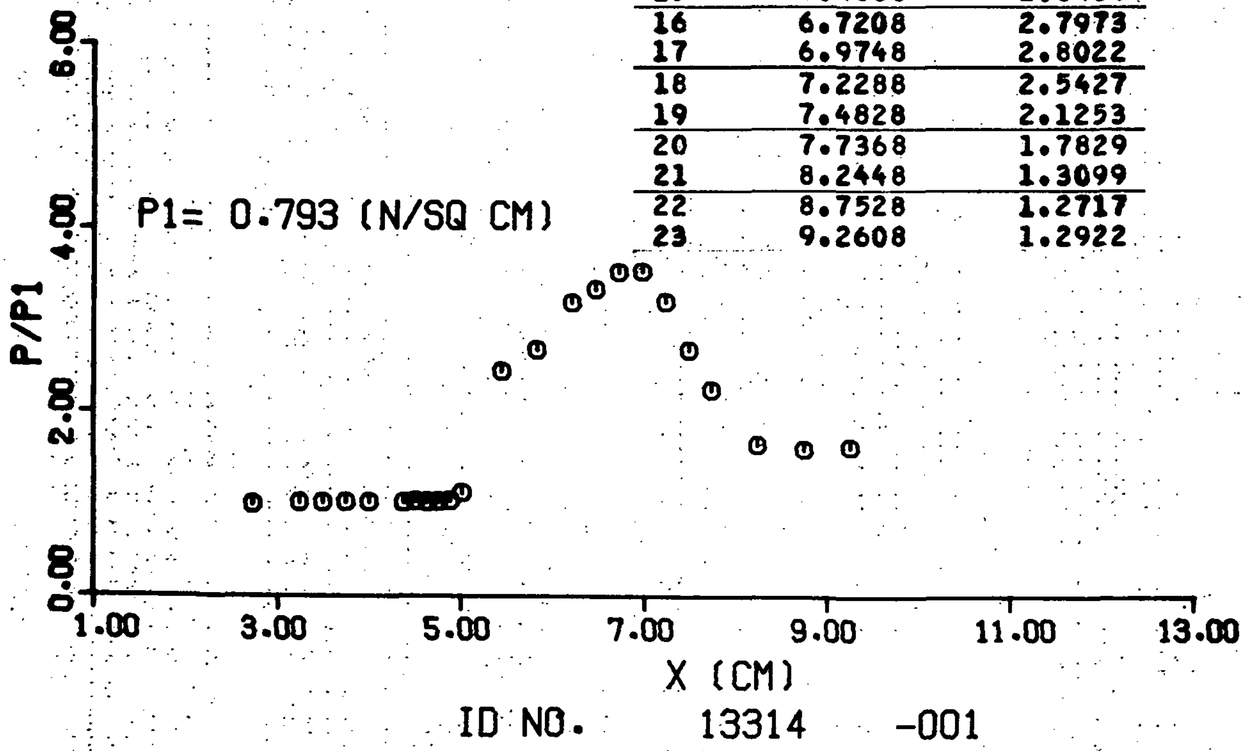
STATION X= 8.62 CM PTO= 23.696 N/SQ CM TTO=296.67K
R= 2.588 CM PWALL= 2.7375 N/SQ CM CF= .00196 PI = .987
UE= 508.9 M/SEC RHOE=.01767 KG/CUB M RE= 25.428E6 /M
DELTA= .310 CM DELTA*= .0772 CM THETA= .0231 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.115522	.000000	1.000000	.565197	.000000
2	.012700	.246356	.667311	1.000000	.700906	1.095695
3	.025400	.257522	.685424	1.000000	.710290	1.132944
4	.038100	.269137	.702700	1.000000	.719721	1.169185
5	.050800	.283001	.722150	1.000000	.730938	1.210874
6	.063500	.298813	.742918	1.000000	.743660	1.256490
7	.076200	.316124	.764115	1.000000	.757504	1.304314
8	.088900	.334933	.785252	1.000000	.772242	1.353370
9	.101600	.353293	.804519	1.000000	.786555	1.399368
10	.114300	.377423	.828378	1.000000	.805545	1.458158
11	.127000	.396532	.845767	1.000000	.820344	1.502380
12	.139700	.419838	.865644	1.000000	.838341	1.554464
13	.152400	.441570	.883003	1.000000	.855081	1.601388
14	.165100	.470646	.904659	1.000000	.877426	1.661963
15	.177800	.492828	.920366	1.000000	.894738	1.707417
16	.190500	.520105	.938220	1.000000	.915652	1.760764
17	.203200	.541163	.951223	1.000000	.931777	1.800816
18	.215900	.561171	.963002	1.000000	.947085	1.838032
19	.228600	.577508	.972234	1.000000	.959575	1.867847
20	.241300	.595868	.982221	1.000000	.973604	1.900777
21	.254000	.606809	.987987	1.000000	.981959	1.920123
22	.266700	.617600	.993545	1.000000	.990198	1.939009
23	.279400	.625094	.997333	1.000000	.995918	1.952014
24	.292100	.628466	.999018	1.000000	.998492	1.957837
25	.304800	.630489	1.000023	1.000000	1.000036	1.961322
26	.317500	.629890	.999726	1.000000	.999578	1.960290
27	.330200	.628241	.998906	1.000000	.998320	1.957449
28	.342900	.625918	.997746	1.000000	.996547	1.953439
29	.355600	.623145	.996354	1.000000	.994431	1.948641
30	.368300	.619174	.994346	1.000000	.991399	1.941748
31	.381000	.616251	.992857	1.000000	.989168	1.936659
32	.393700	.612054	.990705	1.000000	.985965	1.929328
33	.406400	.608532	.988883	1.000000	.983275	1.923152
34	.419100	.604036	.986538	1.000000	.979842	1.915239
35	.431800	.599690	.984250	1.000000	.976523	1.907558
36	.444500	.595043	.981781	1.000000	.972974	1.899311
37	.457200	.591446	.979852	1.000000	.970226	1.892901
38	.469900	.587849	.977908	1.000000	.967478	1.886468
39	.482600	.585901	.976849	1.000000	.965989	1.882975
40	.495300	.581105	.974222	1.000000	.962324	1.874346
41	.508000	.577508	.972234	1.000000	.959575	1.867847
42	.520700	.573461	.969978	1.000000	.956482	1.860508
43	.533400	.570988	.968590	1.000000	.954592	1.856008

ID NO. 13314-001

PTO=	23.6531 N/SQ CM
TTO=	304.2222 K
PBAR=	762.7000 MMHG
TMAN=	298.3889 K

I	X(CM)	P(N/SQ CM)
1	2.7330	.7935
2	3.2410	.8095
3	3.4950	.8091
4	3.7490	.8112
5	4.0030	.8136
6	4.3840	.8102
7	4.5110	.8199
8	4.6380	.8123
9	4.7650	.8147
10	4.8920	.8213
11	5.0190	.8918
12	5.4508	1.9395
13	5.8318	2.1264
14	6.2128	2.5316
15	6.4668	2.6469
16	6.7208	2.7973
17	6.9748	2.8022
18	7.2288	2.5427
19	7.4828	2.1253
20	7.7368	1.7829
21	8.2448	1.3099
22	8.7528	1.2717
23	9.2608	1.2922



ID NO. 13314-002

STATION X= 3.50 CM PTO= 23.653 N/SQ CM TTO=304.22K
R= 2.576 CM PWALL= .7968 N/SQ CM CF= .00190 PT = .722
UE= 613.3 M/SEC RHOE=.00738 KG/CUB M RE= 17.978E6 /M
DELTA= .354 CM DELTA*= .1046 CM THETA= .0200 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.033688	.000000	1.000000	.384115	.000000
2	.012700	.085481	.618189	1.000000	.502351	1.240591
3	.025400	.097808	.660216	1.000000	.525074	1.354568
4	.038100	.118279	.717274	1.000000	.562280	1.522879
5	.050800	.134201	.753745	1.000000	.590859	1.640478
6	.063500	.147409	.780406	1.000000	.614677	1.732398
7	.076200	.158855	.801047	1.000000	.635110	1.807534
8	.088900	.168540	.817105	1.000000	.652372	1.868658
9	.101600	.178152	.831923	1.000000	.669484	1.927336
10	.114300	.189231	.847780	1.000000	.689188	1.992765
11	.127000	.199137	.860969	1.000000	.706790	2.049446
12	.139700	.212344	.877434	1.000000	.730485	2.123362
13	.152400	.223277	.889941	1.000000	.749899	2.182058
14	.165100	.233329	.900734	1.000000	.767741	2.234642
15	.177800	.247417	.914841	1.000000	.792734	2.306286
16	.190500	.257616	.924383	1.000000	.810820	2.356775
17	.203200	.270749	.935925	1.000000	.834104	2.420221
18	.215900	.281242	.944596	1.000000	.852699	2.469721
19	.228600	.294009	.954549	1.000000	.875320	2.528632
20	.241300	.305015	.962646	1.000000	.894817	2.578325
21	.254000	.312279	.967764	1.000000	.907682	2.610600
22	.266700	.322478	.974666	1.000000	.925744	2.655245
23	.279400	.332456	.981226	1.000000	.943717	2.698942
24	.292100	.338767	.985160	1.000000	.954895	2.725766
25	.304800	.346471	.989820	1.000000	.968542	2.758159
26	.317500	.352534	.993439	1.000000	.979459	2.783801
27	.330200	.357917	.996467	1.000000	.988816	2.805591
28	.342900	.362099	.998817	1.000000	.996223	2.822722
29	.355600	.364447	1.000119	1.000000	1.000381	2.832294
30	.368300	.365621	1.000765	1.000000	1.002460	2.837067
31	.381000	.366428	1.001208	1.000000	1.003890	2.840344
32	.393700	.367823	1.001968	1.000000	1.006359	2.845996
33	.406400	.368483	1.002327	1.000000	1.007528	2.848669
34	.419100	.368850	1.002526	1.000000	1.008178	2.850153
35	.431800	.368850	1.002526	1.000000	1.008178	2.850153
36	.444500	.369437	1.002844	1.000000	1.009217	2.852526
37	.457200	.369657	1.002963	1.000000	1.009607	2.853415
38	.469900	.369730	1.003003	1.000000	1.009737	2.853712
39	.482600	.369950	1.003121	1.000000	1.010127	2.854600
40	.495300	.369657	1.002963	1.000000	1.009607	2.853415
41	.508000	.370097	1.003201	1.000000	1.010387	2.855193
42	.533400	.370757	1.003556	1.000000	1.011556	2.857857
43	.558800	.371344	1.003871	1.000000	1.012596	2.860224

STATION X= 4.00 CM PTO= 23.653 N/SQ CM TTO=304.22K
R= 2.576 CM PWALL= .8013 N/SQ CM CF= .00189 PT = .721
UE= 613.6 M/SEC RHOE=.00743 KG/CUB M RE= 18.143E6 /M
DELTA= .365 CM DELTA*= .1073 CM THETA= .0204 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.033876	.000000	1.000000	.383520	.000000
2	.012700	.084601	.612868	1.000000	.499086	1.227454
3	.025400	.100009	.664979	1.000000	.527252	1.368885
4	.038100	.119013	.717110	1.000000	.561542	1.523444
5	.050800	.134201	.751797	1.000000	.588613	1.635180
6	.063500	.147849	.779310	1.000000	.613047	1.729846
7	.076200	.158561	.798633	1.000000	.632037	1.799984
8	.088900	.167660	.813801	1.000000	.648142	1.857390
9	.101600	.177565	.829170	1.000000	.665654	1.917866
10	.114300	.187691	.843786	1.000000	.683538	1.977715
11	.127000	.196936	.856267	1.000000	.699853	2.030773
12	.139700	.209042	.871660	1.000000	.721440	2.098928
13	.152400	.220635	.885187	1.000000	.741885	2.161491
14	.165100	.229293	.894683	1.000000	.757147	2.207037
15	.177800	.241914	.907690	1.000000	.779383	2.271762
16	.190500	.255928	.921087	1.000000	.804063	2.341509
17	.203200	.267154	.931108	1.000000	.823926	2.395895
18	.215900	.277793	.940076	1.000000	.842550	2.446308
19	.228600	.290560	.950220	1.000000	.865013	2.505449
20	.241300	.300392	.957609	1.000000	.882308	2.550049
21	.254000	.309344	.964042	1.000000	.898052	2.589981
22	.266700	.322404	.972960	1.000000	.921018	2.647152
23	.279400	.330842	.978447	1.000000	.935853	2.683435
24	.292100	.340528	.984606	1.000000	.953190	2.725224
25	.304800	.346838	.988413	1.000000	.964298	2.751643
26	.317500	.352708	.991864	1.000000	.974612	2.775991
27	.330200	.358577	.995231	1.000000	.984935	2.800126
28	.342900	.361879	.997089	1.000000	.990741	2.813611
29	.355600	.365401	.999043	1.000000	.996934	2.827923
30	.368300	.367676	1.000290	1.000000	1.000934	2.837127
31	.381000	.369070	1.001049	1.000000	1.003385	2.842754
32	.393700	.370391	1.001764	1.000000	1.005708	2.848074
33	.406400	.370831	1.002001	1.000000	1.006482	2.849845
34	.419100	.371344	1.002278	1.000000	1.007385	2.851910
35	.431800	.371711	1.002475	1.000000	1.008030	2.853384
36	.444500	.371785	1.002514	1.000000	1.008159	2.853679
37	.457200	.372005	1.002632	1.000000	1.008546	2.854563
38	.469900	.371785	1.002514	1.000000	1.008159	2.853679
39	.482600	.371711	1.002475	1.000000	1.008030	2.853384
40	.495300	.371785	1.002514	1.000000	1.008159	2.853679
41	.508000	.371418	1.002317	1.000000	1.007514	2.852205
42	.533400	.371565	1.002396	1.000000	1.007772	2.852795
43	.558800	.371271	1.002238	1.000000	1.007256	2.851615

STATION X= 4.49 CM PTO= 23.653 N/SQ CM TTO=304.22K
R= 2.576 CM PWALL= .8074 N/SQ CM CF= .00199 PT = .704
UE= 612.9 M/SEC RHOE=.00746 KG/CUB M RE= 18.128E6 /M
DELTA= .373 CM DELTA*= .1085 CM THETA= .0208 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.034136	.000000	1.000000	.384937	.000000
2	.012700	.083427	.606422	1.000000	.497455	1.208933
3	.025400	.101110	.666745	1.000000	.529797	1.371717
4	.038100	.122021	.722997	1.000000	.567342	1.539249
5	.050800	.135449	.753118	1.000000	.591170	1.636702
6	.063500	.148289	.778901	1.000000	.614082	1.725225
7	.076200	.158928	.798087	1.000000	.632870	1.794558
8	.088900	.167660	.812668	1.000000	.648266	1.849438
9	.101600	.178005	.828747	1.000000	.666486	1.912352
10	.114300	.188278	.843571	1.000000	.684559	1.972773
11	.127000	.198550	.857384	1.000000	.702616	2.031349
12	.139700	.207942	.869219	1.000000	.719113	2.083427
13	.152400	.220268	.883885	1.000000	.741004	2.150585
14	.165100	.232008	.896723	1.000000	.761617	2.211957
15	.177800	.242867	.907839	1.000000	.780674	2.267221
16	.190500	.251085	.915810	1.000000	.795091	2.308150
17	.203200	.263706	.927376	1.000000	.817224	2.369608
18	.215900	.274638	.936790	1.000000	.836391	2.421571
19	.228600	.285424	.945576	1.000000	.855296	2.471753
20	.241300	.295476	.953352	1.000000	.872910	2.517611
21	.254000	.307950	.962492	1.000000	.894764	2.573367
22	.266700	.319910	.970769	1.000000	.915713	2.625705
23	.279400	.327907	.976058	1.000000	.929719	2.660124
24	.292100	.337886	.982508	1.000000	.947499	2.703184
25	.304800	.344196	.986377	1.000000	.958554	2.729616
26	.317500	.351240	.990575	1.000000	.970894	2.758820
27	.330200	.356450	.993600	1.000000	.980020	2.780220
28	.342900	.359825	.995525	1.000000	.985932	2.793997
29	.355600	.364814	.998322	1.000000	.994671	2.814238
30	.368300	.366942	.999498	1.000000	.998398	2.822826
31	.381000	.369143	1.000703	1.000000	1.002254	2.831682
32	.393700	.370097	1.001223	1.000000	1.003924	2.835511
33	.406400	.370537	1.001461	1.000000	1.004696	2.837277
34	.419100	.371271	1.001859	1.000000	1.005981	2.840217
35	.431800	.410526	1.021525	1.000000	1.074722	2.993279
36	.444500	.474434	1.048054	1.000000	1.186596	3.226898
37	.457200	.477516	1.049192	1.000000	1.191990	3.237736
38	.469900	.479057	1.049756	1.000000	1.194687	3.243141
39	.482600	.479277	1.049837	1.000000	1.195072	3.243912
40	.495300	.479644	1.049971	1.000000	1.195714	3.245197
41	.508000	.480451	1.050265	1.000000	1.197127	3.248023
42	.533400	.480377	1.050238	1.000000	1.196998	3.247766
43	.558800	.482212	1.050904	1.000000	1.200209	3.254180

STATION X= 4.77 CM PTO= 23.653 N/SQ CM TTO=304.22K
R= 2.576 CM PWALL= .8023 N/SQ CM CF= .00140 PT = .975
UE= 645.4 M/SEC RHOE=.00898 KG/CUB M RE= 27.844E6 /M
DELTA= .449 CM DELTA*= .1507 CM THETA= .0230 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.033919	.000000	1.000000	.317979	.000000
2	.012700	.083500	.578070	1.000000	.411840	1.214870
3	.025400	.103605	.642014	1.000000	.442323	1.398296
4	.038100	.122462	.689351	1.000000	.470452	1.548399
5	.050800	.137136	.720263	1.000000	.492988	1.654618
6	.063500	.148949	.742543	1.000000	.509619	1.735920
7	.076200	.160542	.762135	1.000000	.526632	1.811337
8	.088900	.169127	.775616	1.000000	.539212	1.865141
9	.101600	.177418	.787791	1.000000	.551349	1.915620
10	.114300	.188571	.803064	1.000000	.567660	1.981432
11	.127000	.200164	.817746	1.000000	.584598	2.047540
12	.139700	.211830	.831592	1.000000	.601831	2.112674
13	.152400	.221809	.842530	1.000000	.616402	2.166220
14	.165100	.232815	.853854	1.000000	.632465	2.223755
15	.177800	.244922	.865501	1.000000	.650126	2.285343
16	.190500	.254974	.874588	1.000000	.664784	2.335227
17	.203200	.267594	.885319	1.000000	.683181	2.396365
18	.215900	.278454	.894002	1.000000	.699006	2.447734
19	.228600	.290193	.902868	1.000000	.716110	2.502069
20	.241300	.300686	.910371	1.000000	.731393	2.549640
21	.254000	.310591	.917118	1.000000	.745819	2.593742
22	.266700	.322258	.924676	1.000000	.762806	2.644732
23	.279400	.329742	.929319	1.000000	.773701	2.676926
24	.292100	.338400	.934604	1.000000	.786560	2.714430
25	.304800	.373766	.953892	1.000000	.838061	2.859710
26	.317500	.409205	.970655	1.000000	.889652	2.998195
27	.330200	.460640	.991384	1.000000	.964506	3.186450
28	.342900	.466583	.993548	1.000000	.973154	3.209704
29	.355600	.471866	.995436	1.000000	.980841	3.228478
30	.368300	.474948	.996522	1.000000	.985325	3.239379
31	.381000	.477443	.997393	1.000000	.988955	3.248177
32	.393700	.479644	.998156	1.000000	.992158	3.255920
33	.406400	.481478	.998787	1.000000	.994827	3.262358
34	.419100	.483166	.999364	1.000000	.997282	3.268270
35	.431800	.483753	.999565	1.000000	.998136	3.270324
36	.444500	.484486	.999814	1.000000	.999204	3.272890
37	.457200	.486027	1.000336	1.000000	1.001445	3.278271
38	.469900	.486761	1.000584	1.000000	1.002513	3.280830
39	.482600	.487275	1.000757	1.000000	1.003260	3.282620
40	.495300	.487568	1.000856	1.000000	1.003687	3.283643
41	.508000	.487568	1.000856	1.000000	1.003687	3.283643
42	.533400	.487788	1.000930	1.000000	1.004008	3.284410
43	.558800	.488742	1.001250	1.000000	1.005395	3.287730

STATION X= 5.02 CM PTO= 23.653 N/SQ CM TTO=304.22K
R= 2.576 CM PWALL= .8782 N/SQ CM CF= .00136 PT[illegible]=1.333
UE= 633.7 M/SEC RHOE=.00912 KG/CUB M RE= 25.762E6 /M
DELTA= .335 CM DELTA*= .1229 CM THETA= .0198 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.037128	.000000	1.000000	.342428	.000000
2	.012700	.081519	.552306	1.000000	.428349	1.120085
3	.025400	.101990	.622489	1.000000	.459514	1.307536
4	.038100	.120701	.672169	1.000000	.487163	1.453743
5	.050800	.135669	.705429	1.000000	.508980	1.559467
6	.063500	.147335	.728393	1.000000	.525905	1.636785
7	.076200	.157387	.746672	1.000000	.540626	1.701183
8	.088900	.167660	.763718	1.000000	.555474	1.763751
9	.101600	.175951	.776554	1.000000	.567440	1.812608
10	.114300	.187764	.793581	1.000000	.584468	1.879940
11	.127000	.196422	.805219	1.000000	.596934	1.927745
12	.139700	.209483	.821582	1.000000	.615721	1.997630
13	.152400	.222029	.836098	1.000000	.633752	2.062478
14	.165100	.245436	.860642	1.000000	.667587	2.178959
15	.177800	.288579	.898278	1.000000	.729496	2.377357
16	.190500	.316681	.918837	1.000000	.769782	2.498014
17	.203200	.336052	.931561	1.000000	.797539	2.577861
18	.215900	.354835	.942929	1.000000	.824447	2.652972
19	.228600	.375233	.954426	1.000000	.853938	2.732926
20	.241300	.396732	.965484	1.000000	.884738	2.814004
21	.254000	.416983	.975112	1.000000	.913746	2.888284
22	.266700	.433639	.982519	1.000000	.937601	2.947965
23	.279400	.448974	.988966	1.000000	.959561	3.001859
24	.292100	.458952	.992984	1.000000	.973850	3.036412
25	.304800	.465850	.995683	1.000000	.983726	3.060065
26	.317500	.472160	.998100	1.000000	.992761	3.081546
27	.330200	.476122	.999592	1.000000	.998434	3.094957
28	.342900	.478323	1.000412	1.000000	1.001586	3.102382
29	.355600	.479424	1.000820	1.000000	1.003161	3.106088
30	.368300	.481258	1.001497	1.000000	1.005788	3.112255
31	.381000	.482652	1.002009	1.000000	1.007783	3.116934
32	.393700	.484413	1.002652	1.000000	1.010305	3.122834
33	.406400	.485294	1.002972	1.000000	1.011565	3.125779
34	.419100	.486981	1.003584	1.000000	1.013981	3.131417
35	.431800	.487935	1.003928	1.000000	1.015347	3.134600
36	.444500	.489109	1.004350	1.000000	1.017028	3.138512
37	.457200	.491017	1.005032	1.000000	1.019759	3.144859
38	.469900	.491604	1.005241	1.000000	1.020599	3.146809
39	.482600	.492704	1.005633	1.000000	1.022175	3.150463
40	.495300	.493952	1.006074	1.000000	1.023961	3.154598
41	.508000	.494392	1.006230	1.000000	1.024591	3.156056
42	.533400	.495126	1.006488	1.000000	1.025641	3.158485
43	.558800	.495566	1.006643	1.000000	1.026272	3.159942

STATION X= 5.45 CM PTO= 23.653 N/SQ CM TTO=304.22K
R= 2.576 CM PWALL= 1.9098 N/SQ CM CF= .00173 PT =1.519
UE= 526.5 M/SEC RHOE=.01244 KG/CUB M RE= 18.683E6 /M
DELTA= .273 CM DELTA*= .0833 CM THETA= .0227 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.080743	.000000	1.000000	.546053	.000000
2	.012700	.139558	.564658	1.000000	.638462	.919863
3	.025400	.151297	.601515	1.000000	.653367	.991276
4	.038100	.167880	.643131	1.000000	.672281	1.075089
5	.050800	.185123	.681731	1.000000	.692061	1.156259
6	.063500	.204787	.719890	1.000000	.714033	1.240210
7	.076200	.212271	.732998	1.000000	.722196	1.269989
8	.088900	.220929	.747793	1.000000	.731822	1.304229
9	.101600	.234650	.769352	1.000000	.746681	1.355385
10	.114300	.252993	.795870	1.000000	.766427	1.420519
11	.127000	.275005	.825074	1.000000	.790263	1.495369
12	.139700	.302447	.857393	1.000000	.819538	1.582465
13	.152400	.327907	.884327	1.000000	.846597	1.658904
14	.165100	.351827	.907645	1.000000	.872248	1.728246
15	.177800	.378829	.931445	1.000000	.900840	1.802400
16	.190500	.401868	.950129	1.000000	.925198	1.863245
17	.203200	.425788	.968142	1.000000	.950457	1.924310
18	.215900	.439729	.978053	1.000000	.965167	1.958994
19	.228600	.452569	.986829	1.000000	.978708	1.990399
20	.241300	.461007	.992422	1.000000	.987604	2.010748
21	.254000	.466730	.996140	1.000000	.993636	2.024436
22	.266700	.471279	.999054	1.000000	.998430	2.035249
23	.279400	.474067	1.000821	1.000000	1.001368	2.041847
24	.292100	.476415	1.002299	1.000000	1.003842	2.047386
25	.304800	.478837	1.003813	1.000000	1.006393	2.053083
26	.317500	.480304	1.004726	1.000000	1.007939	2.056528
27	.330200	.481551	1.005499	1.000000	1.009253	2.059451
28	.342900	.482872	1.006315	1.000000	1.010644	2.062542
29	.355600	.484120	1.007082	1.000000	1.011958	2.065456
30	.368300	.486174	1.008341	1.000000	1.014122	2.070247
31	.381000	.487421	1.009101	1.000000	1.015436	2.073151
32	.393700	.488742	1.009904	1.000000	1.016827	2.076221
33	.406400	.490063	1.010704	1.000000	1.018218	2.079285
34	.419100	.490650	1.011059	1.000000	1.018836	2.080647
35	.431800	.492704	1.012295	1.000000	1.021000	2.085402
36	.444500	.493805	1.012955	1.000000	1.022159	2.087945
37	.457200	.495052	1.013700	1.000000	1.023473	2.090824
38	.469900	.496153	1.014356	1.000000	1.024632	2.093360
39	.482600	.496813	1.014748	1.000000	1.025327	2.094880
40	.495300	.498574	1.015981	1.000000	1.027521	2.099669
41	.508000	.499675	1.016631	1.000000	1.028681	2.102197
42	.533400	.500995	1.017408	1.000000	1.030072	2.105225
43	.558800	.503123	1.018653	1.000000	1.032315	2.110096

STATION X= 3.50 CM PTO= 23.653 N/SQ CM TTO=304.22K
R= 2.576 CM PWALL= .7968 N/SQ CM CF= .00190 PI = .722
UE= 613.3 M/SEC RHOE=.00738 KG/CUB M RE= 17.978E6 /M
DELTA= .354 CM DELTA*= .1046 CM THETA= .0200 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.033688	.000000	1.000000	.394115	.000000
2	.012700	.085481	.618189	1.000000	.502351	1.240591
3	.025400	.097808	.660216	1.000000	.525074	1.354568
4	.038100	.118279	.717274	1.000000	.562280	1.522879
5	.050800	.134201	.753745	1.000000	.590859	1.640478
6	.063500	.147409	.780406	1.000000	.614677	1.732398
7	.076200	.158855	.801047	1.000000	.635110	1.807534
8	.088900	.168540	.817105	1.000000	.652372	1.868658
9	.101600	.178152	.831923	1.000000	.669484	1.927336
10	.114300	.189231	.847780	1.000000	.689198	1.992765
11	.127000	.199137	.860969	1.000000	.706790	2.049446
12	.139700	.212344	.877434	1.000000	.730485	2.123362
13	.152400	.223277	.889941	1.000000	.749899	2.182058
14	.165100	.233329	.900734	1.000000	.767741	2.234642
15	.177800	.247417	.914841	1.000000	.792734	2.306286
16	.190500	.257616	.924383	1.000000	.810920	2.356775
17	.203200	.270749	.935925	1.000000	.834104	2.420221
18	.215900	.281242	.944596	1.000000	.852699	2.469721
19	.228600	.294009	.954549	1.000000	.875320	2.528632
20	.241300	.305015	.962646	1.000000	.894917	2.576325
21	.254000	.312279	.967764	1.000000	.907682	2.610600
22	.266700	.322478	.974666	1.000000	.925744	2.655246
23	.279400	.332456	.981226	1.000000	.943717	2.698942
24	.292100	.338767	.985160	1.000000	.954895	2.725766
25	.304800	.346471	.989820	1.000000	.968542	2.758159
26	.317500	.352634	.993439	1.000000	.979459	2.783801
27	.330200	.357917	.996467	1.000000	.988816	2.805591
28	.342900	.362099	.998817	1.000000	.996223	2.822722
29	.355600	.364447	1.000119	1.000000	1.000381	2.832294
30	.368300	.365621	1.000765	1.000000	1.002460	2.837067
31	.381000	.366428	1.001208	1.000000	1.003890	2.840344
32	.393700	.367823	1.001968	1.000000	1.006359	2.845996
33	.406400	.368483	1.002327	1.000000	1.007529	2.848669
34	.419100	.368850	1.002526	1.000000	1.008178	2.850153
35	.431800	.368850	1.002526	1.000000	1.008178	2.850153
36	.444500	.369437	1.002844	1.000000	1.009217	2.852526
37	.457200	.369657	1.002963	1.000000	1.009607	2.853415
38	.469900	.369730	1.003003	1.000000	1.009737	2.853712
39	.482600	.369950	1.003121	1.000000	1.010127	2.854600
40	.495300	.369657	1.002963	1.000000	1.009607	2.853415
41	.508000	.370097	1.003201	1.000000	1.010387	2.855193
42	.533400	.370757	1.003556	1.000000	1.011556	2.857857
43	.558800	.371344	1.003871	1.000000	1.012596	2.860224

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STATION X= 5.83 CM PTO= 23.653 N/SQ CM TTO=304.22K
R= 2.576 CM PWALL= 2.0938 N/SQ CM CF= .00128 PI [illegible]=2.383
UE= 549.6 M/SEC RHOE=.01474 KG/CUB M RE= 24.783E6 /M
DELTA= .203 CM DELTA*= .0762 CM THETA= .0177 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.088520	.000000	1.000000	.505384	.000000
2	.012700	.140585	.500303	1.000000	.576793	.840527
3	.025400	.155700	.548655	1.000000	.593870	.935646
4	.038100	.174630	.599485	1.000000	.614640	1.039674
5	.050800	.194001	.636167	1.000000	.631868	1.118646
6	.063500	.218581	.679885	1.000000	.655179	1.217374
7	.076200	.247196	.723409	1.000000	.681885	1.321442
8	.088900	.284397	.771103	1.000000	.715941	1.443310
9	.101600	.324679	.814596	1.000000	.752295	1.562951
10	.114300	.367749	.854601	1.000000	.791194	1.681564
11	.127000	.414048	.891393	1.000000	.832611	1.799282
12	.139700	.459026	.922501	1.000000	.872739	1.906415
13	.152400	.500702	.948033	1.000000	.909855	2.000408
14	.165100	.540911	.970176	1.000000	.945621	2.086978
15	.177800	.574369	.987189	1.000000	.975590	2.157072
16	.190500	.593666	.996311	1.000000	.992844	2.196060
17	.203200	.601957	1.000109	1.000000	1.000213	2.212596
18	.215900	.561088	.980668	1.000000	.963880	2.129817
19	.228600	.478543	.934815	1.000000	.890127	1.951014
20	.241300	.456604	.920926	1.000000	.870581	1.900807
21	.254000	.461667	.924206	1.000000	.875093	1.912514
22	.266700	.469298	.929064	1.000000	.881892	1.930021
23	.279400	.475608	.933005	1.000000	.887513	1.944374
24	.292100	.480304	.935894	1.000000	.891696	1.954986
25	.304800	.482799	.937414	1.000000	.893917	1.960599
26	.317500	.483973	.938126	1.000000	.894963	1.963235
27	.330200	.484780	.938614	1.000000	.895681	1.965045
28	.342900	.486101	.939410	1.000000	.896857	1.968003
29	.355600	.486834	.939852	1.000000	.897511	1.969645
30	.368300	.488522	.940863	1.000000	.899013	1.973415
31	.381000	.489476	.941433	1.000000	.899862	1.975542
32	.393700	.491237	.942482	1.000000	.901430	1.979464
33	.406400	.491310	.942525	1.000000	.901496	1.979627
34	.419100	.493365	.943742	1.000000	.903324	1.984192
35	.431800	.494539	.944434	1.000000	.904369	1.986796
36	.444500	.496079	.945339	1.000000	.905741	1.990208
37	.457200	.497474	.946155	1.000000	.906982	1.993289
38	.469900	.498427	.946712	1.000000	.907831	1.995395
39	.482600	.499675	.947437	1.000000	.908941	1.998146
40	.495300	.500775	.948076	1.000000	.909921	2.000569
41	.508000	.500995	.948203	1.000000	.910116	2.001053
42	.533400	.502683	.949178	1.000000	.911618	2.004763
43	.558800	.504004	.949938	1.000000	.912794	2.007661

STATION X= 6.21 CM PTO= 23.653 N/SQ CM TTO=304.22K
R= 2.576 CM PWALL= 2.4928 N/SQ CM CF= .00118 PT =2.758
UE= 531.0 M/SEC RHOE=.01648 KG/CUB M RE= 25.275E6 /M
DELTA= .202 CM DELTA*= .0764 CM THETA= .0188 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.105391	.000000	1.000000	.538265	.000000
2	.012700	.153205	.468558	1.000000	.598986	.751026
3	.025400	.167733	.518919	1.000000	.614693	.842581
4	.038100	.186150	.569994	1.000000	.633264	.939391
5	.050800	.206254	.617133	1.000000	.653118	1.032898
6	.063500	.229880	.656665	1.000000	.672079	1.114903
7	.076200	.263412	.708451	1.000000	.700635	1.228115
8	.088900	.298264	.753466	1.000000	.729487	1.332770
9	.101600	.339574	.799079	1.000000	.763313	1.445853
10	.114300	.389394	.845550	1.000000	.803524	1.569720
11	.127000	.433052	.880670	1.000000	.838566	1.670186
12	.139700	.488962	.920009	1.000000	.883590	1.791020
13	.152400	.532179	.946573	1.000000	.918094	1.878369
14	.165100	.572168	.968818	1.000000	.949972	1.955603
15	.177800	.604746	.985509	1.000000	.975914	2.016275
16	.190500	.624483	.995063	1.000000	.991621	2.052138
17	.203200	.636003	1.000457	1.000000	1.000786	2.072776
18	.215900	.640919	1.002721	1.000000	1.004696	2.081519
19	.228600	.642606	1.003492	1.000000	1.006038	2.084512
20	.241300	.644000	1.004128	1.000000	1.007147	2.086981
21	.254000	.643854	1.004061	1.000000	1.007030	2.086721
22	.266700	.643560	1.003927	1.000000	1.006797	2.086201
23	.279400	.643193	1.003760	1.000000	1.006505	2.085552
24	.292100	.643047	1.003693	1.000000	1.006388	2.085292
25	.304800	.642533	1.003459	1.000000	1.005980	2.084382
26	.317500	.643193	1.003760	1.000000	1.006505	2.085552
27	.330200	.642386	1.003392	1.000000	1.005863	2.084122
28	.342900	.602764	.984528	1.000000	.974337	2.012639
29	.355600	.508406	.932213	1.000000	.899122	1.830856
30	.368300	.490870	.921243	1.000000	.885114	1.794969
31	.381000	.489623	.920437	1.000000	.884117	1.792389
32	.393700	.491750	.921811	1.000000	.885818	1.796789
33	.406400	.493071	.922660	1.000000	.886873	1.799515
34	.419100	.493071	.922660	1.000000	.886873	1.799515
35	.431800	.494392	.923506	1.000000	.887928	1.802236
36	.444500	.494685	.923693	1.000000	.888163	1.802841
37	.457200	.496226	.924676	1.000000	.889394	1.806009
38	.469900	.497327	.925376	1.000000	.890273	1.808269
39	.482600	.498721	.926260	1.000000	.891387	1.811127
40	.495300	.500408	.927325	1.000000	.892735	1.814581
41	.508000	.500995	.927694	1.000000	.893204	1.815780
42	.533400	.503050	.928983	1.000000	.894844	1.819973
43	.558800	.504884	.930129	1.000000	.896309	1.823707

ID NO. 13314-010

STATION X= 6.47 CM PTO= 23.653 N/SQ CM TTO=304.22K
R= 2.576 CM PWALL= 2.6063 N/SQ CM CF= .00118 PI =2.745
UE= 528.0 M/SEC RHOE=.01706 KG/CUB M RE= 25.793E6 /M
DELTA= .211 CM DELTA*= .0787 CM THETA= .0197 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.110190	.000000	1.000000	.543530	.000000
2	.012700	.160909	.473947	1.000000	.605628	.755808
3	.025400	.174924	.520558	1.000000	.620252	.840102
4	.038100	.192093	.567147	1.000000	.637069	.927615
5	.050800	.211317	.612237	1.000000	.655725	1.015921
6	.063500	.233109	.648342	1.000000	.672593	1.089571
7	.076200	.262165	.693992	1.000000	.696697	1.187012
8	.088900	.293642	.735876	1.000000	.721997	1.281301
9	.101600	.334291	.782378	1.000000	.754287	1.392399
10	.114300	.384332	.830910	1.000000	.793651	1.516868
11	.127000	.424467	.864377	1.000000	.824843	1.608673
12	.139700	.478763	.904202	1.000000	.857153	1.725410
13	.152400	.526309	.934537	1.000000	.903868	1.820656
14	.165100	.574809	.962116	1.000000	.941242	1.912746
15	.177800	.608194	.979429	1.000000	.966934	1.973561
16	.190500	.632407	.991235	1.000000	.985554	2.016488
17	.203200	.645981	.997599	1.000000	.995988	2.040149
18	.215900	.653832	1.001200	1.000000	1.002021	2.053706
19	.228600	.658015	1.003095	1.000000	1.005234	2.060890
20	.241300	.659335	1.003691	1.000000	1.006249	2.063154
21	.254000	.662124	1.004942	1.000000	1.008391	2.067924
22	.266700	.662711	1.005205	1.000000	1.008842	2.068927
23	.279400	.661757	1.004778	1.000000	1.008110	2.067297
24	.292100	.661537	1.004679	1.000000	1.007940	2.066921
25	.304800	.661170	1.004515	1.000000	1.007659	2.066293
26	.317500	.660583	1.004251	1.000000	1.007208	2.065289
27	.330200	.660876	1.004383	1.000000	1.007433	2.065791
28	.342900	.660363	1.004153	1.000000	1.007038	2.064913
29	.355600	.659482	1.003757	1.000000	1.006362	2.063405
30	.368300	.659922	1.003955	1.000000	1.006700	2.064159
31	.381000	.658382	1.003261	1.000000	1.005516	2.061519
32	.393700	.657941	1.003062	1.000000	1.005178	2.060765
33	.406400	.657354	1.002797	1.000000	1.004727	2.059758
34	.419100	.655447	1.001933	1.000000	1.003261	2.056482
35	.431800	.635562	.992730	1.000000	.987979	2.022013
36	.444500	.514570	.927375	1.000000	.894811	1.797628
37	.457200	.491090	.912417	1.000000	.876680	1.750624
38	.469900	.485367	.908635	1.000000	.872258	1.738966
39	.482600	.481918	.906330	1.000000	.869592	1.731901
40	.495300	.478543	.904053	1.000000	.866983	1.724957
41	.508000	.474361	.901205	1.000000	.863749	1.716311
42	.533400	.469445	.897816	1.000000	.859946	1.706090
43	.558800	.460860	.891792	1.000000	.853303	1.688085

ID NO. 13314-011

STATION X= 6.72 CM PTO= 23.653 N/SQ CM TTO=304.22K
R= 2.576 CM PWALL= 2.7544 N/SQ CM CF= .00117 PT =2.774
UE= 523.6 M/SEC RHOE=.01778 KG/CUB M RE= 26.330E6 /M
DELTA= .218 CM DELTA*= .0807 CM THETA= .0205 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.116450	.000000	1.000000	.551107	.000000
2	.012700	.170448	.479323	1.000000	.614480	.758266
3	.025400	.181234	.514268	1.000000	.625348	.820709
4	.038100	.198183	.560344	1.000000	.641527	.905734
5	.050800	.216526	.601481	1.000000	.657969	.984601
6	.063500	.239419	.642118	1.000000	.676276	1.065651
7	.076200	.268181	.687237	1.000000	.699383	1.159853
8	.088900	.296503	.725370	1.000000	.721524	1.243435
9	.101600	.337739	.772953	1.000000	.753078	1.353666
10	.114300	.381470	.816202	1.000000	.786225	1.460523
11	.127000	.425201	.853546	1.000000	.818926	1.558792
12	.139700	.472600	.889068	1.000000	.854196	1.658259
13	.152400	.525649	.924221	1.000000	.893838	1.763372
14	.165100	.574149	.952483	1.000000	.929740	1.853431
15	.177800	.611202	.972114	1.000000	.957125	1.919287
16	.190500	.639158	.985943	1.000000	.977766	1.967468
17	.203200	.656547	.994157	1.000000	.990598	1.996835
18	.215900	.668507	.999644	1.000000	.999421	2.016778
19	.228600	.672102	1.001269	1.000000	1.002072	2.022734
20	.241300	.673203	1.001764	1.000000	1.002884	2.024554
21	.254000	.673790	1.002027	1.000000	1.003317	2.025523
22	.266700	.673570	1.001929	1.000000	1.003155	2.025160
23	.279400	.673056	1.001698	1.000000	1.002776	2.024311
24	.292100	.671515	1.001004	1.000000	1.001640	2.021763
25	.304800	.669608	1.000143	1.000000	1.000233	2.018604
26	.317500	.667920	.999378	1.000000	.998988	2.015804
27	.330200	.665646	.998343	1.000000	.997310	2.012025
28	.342900	.662124	.996731	1.000000	.994712	2.006159
29	.355600	.658161	.994905	1.000000	.991789	1.999539
30	.368300	.653319	.992653	1.000000	.988216	1.991417
31	.381000	.647449	.989895	1.000000	.983885	1.981526
32	.393700	.642239	.987419	1.000000	.980041	1.972705
33	.406400	.636443	.984634	1.000000	.975762	1.962842
34	.419100	.629693	.981349	1.000000	.970779	1.951292
35	.431800	.622502	.977799	1.000000	.965470	1.938910
36	.444500	.616192	.974641	1.000000	.960810	1.927977
37	.457200	.609075	.971028	1.000000	.955554	1.915569
38	.469900	.601004	.966865	1.000000	.949591	1.901396
39	.482600	.594253	.963328	1.000000	.944603	1.889458
40	.495300	.586622	.959267	1.000000	.938963	1.875869
41	.508000	.578478	.954858	1.000000	.932941	1.861250
42	.533400	.570994	.950737	1.000000	.927407	1.847712
43	.558800	.426008	.854191	1.000000	.819528	1.560543

STATION X= 7.23 CM PTO= 23.653 N/SQ CM TTO=394.22K
R= 2.576 CM PWALL= 2.5038 N/SQ CM CF= .00163 PT =1.658
UE= 526.7 M/SEC RHOE=.01632 KG/CUB M RE= 24.519E6 /M
DELTA= .226 CM DELTA*= .0716 CM THETA= .0192 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.105853	.000000	1.000000	.545836	.000000
2	.012700	.190185	.582592	1.000000	.645310	.954573
3	.025400	.204126	.615830	1.000000	.659413	1.020001
4	.038100	.222836	.647802	1.000000	.674362	1.085049
5	.050800	.239859	.676786	1.000000	.689209	1.146008
6	.063500	.263119	.711957	1.000000	.709069	1.222809
7	.076200	.286378	.743201	1.000000	.728613	1.293943
8	.088900	.317708	.780584	1.000000	.754675	1.383120
9	.101600	.353808	.818404	1.000000	.784464	1.478477
10	.114300	.393943	.855006	1.000000	.817132	1.576434
11	.127000	.433932	.887206	1.000000	.849535	1.667921
12	.139700	.464309	.909577	1.000000	.874378	1.734800
13	.152400	.501729	.934467	1.000000	.904585	1.812797
14	.165100	.532253	.953103	1.000000	.929185	1.873920
15	.177800	.566738	.972587	1.000000	.956945	1.940584
16	.190500	.585595	.982609	1.000000	.972112	1.976056
17	.203200	.601517	.990752	1.000000	.984912	2.005505
18	.215900	.615091	.997475	1.000000	.995821	2.030266
19	.228600	.620814	1.000252	1.000000	1.000419	2.040613
20	.241300	.620888	1.000287	1.000000	1.000478	2.040745
21	.254000	.620301	1.000004	1.000000	1.000006	2.039687
22	.266700	.618613	.999188	1.000000	.998650	2.036640
23	.279400	.615531	.997690	1.000000	.996174	2.031064
24	.292100	.612303	.996110	1.000000	.993580	2.025205
25	.304800	.608854	.994410	1.000000	.990809	2.018928
26	.317500	.605039	.992515	1.000000	.987743	2.011960
27	.330200	.601444	.990715	1.000000	.984853	2.005371
28	.342900	.596528	.988230	1.000000	.980901	1.996325
29	.355600	.591245	.985531	1.000000	.976654	1.986558
30	.368300	.589264	.984511	1.000000	.975061	1.982882
31	.381000	.583100	.981307	1.000000	.970105	1.971401
32	.393700	.577524	.978371	1.000000	.965621	1.960955
33	.406400	.572608	.975753	1.000000	.961667	1.951697
34	.419100	.567985	.973263	1.000000	.957948	1.942951
35	.431800	.562336	.970186	1.000000	.953403	1.932206
36	.444500	.557933	.967760	1.000000	.949860	1.923790
37	.457200	.556759	.967108	1.000000	.949915	1.921540
38	.469900	.558153	.967881	1.000000	.950037	1.924212
39	.482600	.558300	.967963	1.000000	.950155	1.924493
40	.495300	.557346	.967434	1.000000	.949388	1.922665
41	.508000	.556319	.966854	1.000000	.948561	1.920695
42	.533400	.554852	.966047	1.000000	.947380	1.917877
43	.558800	.551697	.964280	1.000000	.944841	1.911803

ID NO. 13314-013

STATION X= 4.23 CM PTO= 23.653 N/SQ CM TTO=304.22K
R= 2.576 CM PWALL= .7965 N/SQ CM CF= .00198 PT = .566
UE= 615.2 M/SEC RHOE=.00745 KG/CUB M RE= 18.38156 /M
DELTA= .372 CM DELTA*= .1021 CM THETA= .0195 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.033673	.000000	1.000000	.380351	.000000
2	.012700	.091498	.637610	1.000000	.508433	1.297592
3	.025400	.114390	.705424	1.000000	.549919	1.493019
4	.038100	.131486	.745759	1.000000	.580353	1.621477
5	.050800	.145134	.773824	1.000000	.604737	1.717479
6	.063500	.156213	.794147	1.000000	.624338	1.790922
7	.076200	.166559	.811557	1.000000	.642610	1.856772
8	.088900	.175364	.825328	1.000000	.658142	1.910963
9	.101600	.186223	.841141	1.000000	.677279	1.975688
10	.114300	.195248	.853402	1.000000	.693169	2.027865
11	.127000	.205740	.866757	1.000000	.711631	2.086846
12	.139700	.217407	.880750	1.000000	.732393	2.151248
13	.152400	.229513	.894089	1.000000	.753685	2.215347
14	.165100	.238832	.903726	1.000000	.770065	2.263426
15	.177800	.251085	.915642	1.000000	.791597	2.325111
16	.190500	.263045	.926524	1.000000	.812604	2.383758
17	.203200	.274565	.936373	1.000000	.832832	2.438896
18	.215900	.284323	.944271	1.000000	.849964	2.484637
19	.228600	.297164	.954097	1.000000	.872500	2.543556
20	.241300	.308463	.962255	1.000000	.892327	2.594286
21	.254000	.320350	.970383	1.000000	.913181	2.646593
22	.266700	.329301	.976328	1.000000	.929181	2.686036
23	.279400	.338106	.981847	1.000000	.944633	2.723586
24	.292100	.346471	.986897	1.000000	.959311	2.758781
25	.304800	.353368	.990927	1.000000	.971413	2.787465
26	.317500	.357624	.993356	1.000000	.978879	2.805016
27	.330200	.363493	.996637	1.000000	.989178	2.829045
28	.342900	.365401	.997686	1.000000	.992524	2.836810
29	.355600	.367529	.998846	1.000000	.996257	2.845446
30	.368300	.369363	.999839	1.000000	.999475	2.852870
31	.381000	.370317	1.000352	1.000000	1.001149	2.856723
32	.393700	.371271	1.000863	1.000000	1.002822	2.860570
33	.406400	.371785	1.001138	1.000000	1.003723	2.862640
34	.419100	.372225	1.001373	1.000000	1.004495	2.864413
35	.431800	.372005	1.001255	1.000000	1.004109	2.863526
36	.444500	.371785	1.001138	1.000000	1.003723	2.862640
37	.457200	.371711	1.001099	1.000000	1.003594	2.862344
38	.469900	.371858	1.001177	1.000000	1.003852	2.862935
39	.482600	.371931	1.001216	1.000000	1.003980	2.863231
40	.495300	.371931	1.001216	1.000000	1.003980	2.863231
41	.508000	.371785	1.001138	1.000000	1.003723	2.862640
42	.533400	.371491	1.000981	1.000000	1.003208	2.861457
43	.558800	.371344	1.000903	1.000000	1.002951	2.860866

STATION X= 5.00 CM PTO= 23.653 N/SQ CM TTO=304.22K
R= 2.576 CM PWALL= .7978 N/SQ CM CF= .00227 PI = .633
UE= 595.5 M/SEC RHOE=.00677 KG/CUB M RE= 14.691E6 /M
DELTA= .254 CM DELTA*= .0780 CM THETA= .0165 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.033731	.000000	1.000000	.419433	.000000
2	.012700	.091425	.657919	1.000000	.560217	1.295479
3	.025400	.114024	.727283	1.000000	.605318	1.488589
4	.038100	.130533	.767799	1.000000	.637682	1.612981
5	.050800	.144327	.797344	1.000000	.664817	1.710317
6	.063500	.156140	.819824	1.000000	.687827	1.788709
7	.076200	.165092	.835485	1.000000	.705234	1.845801
8	.088900	.174557	.850918	1.000000	.723618	1.904241
9	.101600	.184169	.865533	1.000000	.742268	1.961749
10	.114300	.194441	.880101	1.000000	.762181	2.021348
11	.127000	.203759	.892473	1.000000	.780233	2.073895
12	.139700	.216013	.907818	1.000000	.804227	2.141744
13	.152400	.225698	.919023	1.000000	.822981	2.193314
14	.165100	.238685	.933070	1.000000	.848115	2.260586
15	.177800	.248591	.943101	1.000000	.867277	2.310559
16	.190500	.260257	.954233	1.000000	.889839	2.368043
17	.203200	.271336	.964181	1.000000	.911258	2.421356
18	.215900	.283957	.974839	1.000000	.935649	2.480670
19	.228600	.295256	.983828	1.000000	.957481	2.532585
20	.241300	.307289	.992876	1.000000	.980727	2.586715
21	.254000	.317268	1.000000	1.000000	1.000000	2.630750
22	.266700	.325266	1.005479	1.000000	1.015445	2.665513
23	.279400	.337079	1.013333	1.000000	1.038592	2.716779
24	.292100	.343829	1.017581	1.000000	1.051632	2.745240
25	.304800	.350873	1.021883	1.000000	1.065239	2.774625
26	.317500	.356596	1.025286	1.000000	1.076293	2.798272
27	.330200	.360338	1.027467	1.000000	1.083521	2.813625
28	.342900	.363640	1.029364	1.000000	1.089898	2.827102
29	.355600	.369804	1.032837	1.000000	1.101801	2.852087
30	.368300	.408692	1.052895	1.000000	1.176891	3.004918
31	.381000	.443984	1.068728	1.000000	1.245021	3.137149
32	.393700	.452202	1.072138	1.000000	1.260883	3.167142
33	.406400	.454550	1.073094	1.000000	1.265415	3.175660
34	.419100	.456091	1.073718	1.000000	1.268389	3.181237
35	.431800	.457412	1.074250	1.000000	1.270938	3.186009
36	.444500	.458292	1.074603	1.000000	1.272637	3.189187
37	.457200	.459173	1.074955	1.000000	1.274337	3.192361
38	.469900	.459686	1.075160	1.000000	1.275328	3.194212
39	.482600	.459980	1.075277	1.000000	1.275894	3.195269
40	.495300	.460567	1.075511	1.000000	1.277027	3.197381
41	.508000	.460567	1.075511	1.000000	1.277027	3.197381
42	.533400	.460640	1.075540	1.000000	1.277169	3.197645
43	.558800	.461887	1.076034	1.000000	1.279576	3.202130

STATION X= 6.06 CM PTO= 23.653 N/SQ CM TTO=304.22K
R= 2.576 CM PWALL= 1.5098 N/SQ CM CF= .00152 PI =1.871
UE= 561.4 M/SEC RHOE=.01110 KG/CUB M RE= 19.831E6 /M
DELTA= .206 CM DELTA*= .0743 CM THETA= .0169 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.063829	.000000	1.000000	.484045	.000000
2	.012700	.108961	.524046	1.000000	.563954	.908529
3	.025400	.123782	.580072	1.000000	.585735	1.024898
4	.038100	.139924	.622965	1.000000	.605234	1.118854
5	.050800	.161129	.673629	1.000000	.632018	1.236327
6	.063500	.186663	.723731	1.000000	.663303	1.360759
7	.076200	.212051	.765867	1.000000	.694105	1.473038
8	.088900	.240226	.805715	1.000000	.727829	1.586880
9	.101600	.266200	.837934	1.000000	.759012	1.685319
10	.114300	.295623	.869807	1.000000	.793976	1.789263
11	.127000	.323725	.896741	1.000000	.827289	1.882971
12	.139700	.351900	.920912	1.000000	.860633	1.972310
13	.152400	.381250	.943564	1.000000	.895321	2.061146
14	.165100	.410599	.964210	1.000000	.930290	2.146983
15	.177800	.438334	.981831	1.000000	.963037	2.224366
16	.190500	.469738	1.000043	1.000000	1.000093	2.308803
17	.203200	.478763	1.004971	1.000000	1.010738	2.332495
18	.215900	.439582	.982588	1.000000	.964509	2.227782
19	.228600	.453376	.990769	1.000000	.980788	2.265208
20	.241300	.456384	.992508	1.000000	.984338	2.273287
21	.254000	.409792	.963673	1.000000	.929337	2.144689
22	.266700	.421532	.971342	1.000000	.943201	2.177820
23	.279400	.432978	.978547	1.000000	.956715	2.209636
24	.292100	.441416	.983696	1.000000	.966674	2.232795
25	.304800	.447066	.987069	1.000000	.973342	2.248166
26	.317500	.452569	.990300	1.000000	.979836	2.263035
27	.330200	.455504	.992001	1.000000	.983299	2.270925
28	.342900	.457338	.993057	1.000000	.985463	2.275842
29	.355600	.459026	.994023	1.000000	.987455	2.280356
30	.368300	.460347	.994775	1.000000	.989013	2.283883
31	.381000	.461814	.995608	1.000000	.990744	2.287795
32	.393700	.463648	.996644	1.000000	.992908	2.292675
33	.406400	.464822	.997304	1.000000	.994293	2.295793
34	.419100	.465116	.997469	1.000000	.994639	2.296572
35	.431800	.466950	.998495	1.000000	.996803	2.301433
36	.444500	.468197	.999189	1.000000	.998275	2.304733
37	.457200	.468858	.999556	1.000000	.999054	2.306478
38	.469900	.469518	.999922	1.000000	.999833	2.308222
39	.482600	.470472	1.000449	1.000000	1.000958	2.310738
40	.495300	.470839	1.000651	1.000000	1.001391	2.311705
41	.508000	.471059	1.000773	1.000000	1.001650	2.312285
42	.533400	.472086	1.001338	1.000000	1.002862	2.314990
43	.558800	.471206	1.000853	1.000000	1.001824	2.312672

ID NO. 13314-016

STATION X= 4.23 CM PTO= 23.653 N/SQ CM TTO=304.22K
R= 2.576 CM PWALL= .8047 N/SQ CM CF= .00198 PI = .574
UE= 614.2 M/SEC RHOE=.00749 KG/CUB M RE= 18.351E6 /M
DELTA= .372 CM DELTA*= .1021 CM THETA= .0196 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.034020	.000000	1.000000	.382326	.000000
2	.012700	.091938	.636943	1.000000	.510169	1.293020
3	.025400	.113950	.702391	1.000000	.549897	1.480358
4	.038100	.131927	.744977	1.000000	.581753	1.614951
5	.050800	.145721	.773324	1.000000	.606278	1.711374
6	.063500	.156947	.793889	1.000000	.626041	1.785290
7	.076200	.166192	.809489	1.000000	.642290	1.843844
8	.088900	.176611	.825805	1.000000	.660579	1.907601
9	.101600	.185196	.838351	1.000000	.675633	1.958525
10	.114300	.196275	.853476	1.000000	.695045	2.022298
11	.127000	.205520	.865267	1.000000	.711232	2.073975
12	.139700	.217113	.879264	1.000000	.731763	2.137727
13	.152400	.228706	.892146	1.000000	.752051	2.198907
14	.165100	.241327	.905204	1.000000	.774124	2.263597
15	.177800	.253653	.917088	1.000000	.795675	2.325018
16	.190500	.263485	.926010	1.000000	.812858	2.372852
17	.203200	.276179	.936867	1.000000	.835036	2.433200
18	.215900	.286598	.945267	1.000000	.853235	2.481625
19	.228600	.295256	.951925	1.000000	.868355	2.521150
20	.241300	.307656	.960990	1.000000	.890005	2.576691
21	.254000	.319029	.968853	1.000000	.909858	2.626589
22	.266700	.330475	.976367	1.000000	.929835	2.675860
23	.279400	.340087	.982497	1.000000	.946916	2.717280
24	.292100	.346471	.986359	1.000000	.958061	2.743969
25	.304800	.353882	.990713	1.000000	.970999	2.774629
26	.317500	.358944	.993611	1.000000	.979837	2.795380
27	.330200	.363493	.996163	1.000000	.987778	2.813894
28	.342900	.366135	.997624	1.000000	.992389	2.824588
29	.355600	.368483	.998908	1.000000	.996487	2.834060
30	.368300	.370244	.999864	1.000000	.999561	2.841143
31	.381000	.370978	1.000260	1.000000	1.000842	2.844089
32	.393700	.371491	1.000537	1.000000	1.001738	2.846150
33	.406400	.371785	1.000695	1.000000	1.002251	2.847326
34	.419100	.372298	1.000970	1.000000	1.003147	2.849384
35	.431800	.372225	1.000931	1.000000	1.003019	2.849091
36	.444500	.372005	1.000813	1.000000	1.002635	2.848209
37	.457200	.372372	1.001010	1.000000	1.003275	2.849678
38	.469900	.372005	1.000813	1.000000	1.002635	2.848209
39	.482600	.372225	1.000931	1.000000	1.003019	2.849091
40	.495300	.371711	1.000655	1.000000	1.002123	2.847032
41	.508000	.371931	1.000774	1.000000	1.002507	2.847915
42	.533400	.371785	1.000695	1.000000	1.002251	2.847326
43	.558800	.371491	1.000537	1.000000	1.001738	2.846150

STATION X= 5.00 CM PTO= 23.653 N/SQ CM TTO=304.22K
R= 2.576 CM PWALL= .8064 N/SQ CM CF= .00228 PT [illegible]= .636
UE= 594.1 M/SEC RHOE=.00680 KG/CUB M RE= 14.625E6 /M
DELTA= .254 CM DELTA*= .0777 CM THETA= .0166 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.034093	.000000	1.000000	.422176	.000000
2	.012700	.091645	.656837	1.000000	.562371	1.288563
3	.025400	.114317	.726540	1.000000	.607456	1.481336
4	.038100	.132220	.770266	1.000000	.642414	1.615045
5	.050800	.144327	.796148	1.000000	.666160	1.699896
6	.063500	.155773	.818071	1.000000	.688371	1.775572
7	.076200	.165018	.834357	1.000000	.706279	1.834326
8	.088900	.174997	.850691	1.000000	.725584	1.895624
9	.101600	.184315	.864906	1.000000	.743593	1.951070
10	.114300	.194955	.880044	1.000000	.764135	2.012454
11	.127000	.205300	.893766	1.000000	.784096	2.070355
12	.139700	.215059	.906068	1.000000	.803181	2.124241
13	.152400	.226725	.919645	1.000000	.825680	2.186052
14	.165100	.237731	.931619	1.000000	.846804	2.242793
15	.177800	.249765	.943876	1.000000	.870079	2.303194
16	.190500	.261284	.954872	1.000000	.892265	2.359547
17	.203200	.271777	.964319	1.000000	.912467	2.409714
18	.215900	.283150	.973997	1.000000	.934357	2.462922
19	.228600	.294522	.983141	1.000000	.956243	2.514991
20	.241300	.307363	.992879	1.000000	.980947	2.572500
21	.254000	.317268	1.000000	1.000000	1.000000	2.615992
22	.266700	.327981	1.007348	1.000000	1.020603	2.662221
23	.279400	.334878	1.012008	1.000000	1.034198	2.692292
24	.292100	.342802	1.017066	1.000000	1.049444	2.725620
25	.304800	.349553	1.021241	1.000000	1.062431	2.753690
26	.317500	.356230	1.025255	1.000000	1.075275	2.781174
27	.330200	.359825	1.027371	1.000000	1.082191	2.795860
28	.342900	.364301	1.029961	1.000000	1.090800	2.814035
29	.355600	.367236	1.031633	1.000000	1.096445	2.825889
30	.368300	.399667	1.048871	1.000000	1.158813	2.953693
31	.381000	.443030	1.068853	1.000000	1.242183	3.116358
32	.393700	.451982	1.072606	1.000000	1.259390	3.148886
33	.406400	.454770	1.073752	1.000000	1.264750	3.158943
34	.419100	.456458	1.074440	1.000000	1.267994	3.165023
35	.431800	.457632	1.074916	1.000000	1.270250	3.169243
36	.444500	.458439	1.075242	1.000000	1.271802	3.172140
37	.457200	.459173	1.075538	1.000000	1.273212	3.174772
38	.469900	.460053	1.075892	1.000000	1.274904	3.177927
39	.482600	.460567	1.076098	1.000000	1.275892	3.179756
40	.495300	.460860	1.076216	1.000000	1.276456	3.180816
41	.508000	.461227	1.076363	1.000000	1.277161	3.182129
42	.533400	.461080	1.076304	1.000000	1.276979	3.181604
43	.558800	.462254	1.076773	1.000000	1.279135	3.185801

ID NO. 13314-018

STATION X= 6.06 CM PTO= 23.653 N/SQ CM TTO=304.22K
R= 2.576 CM PWALL= 1.5080 N/SQ CM CF= .00153 PI K=1.845
UE= 560.3 M/SEC RHOE=.01104 KG/CUB M RE= 19.619E6 /M
DELTA= .207 CM DELTA*= .0742 CM THETA= .0169 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.063757	.000000	1.000000	.485988	.000000
2	.012700	.111235	.534815	1.000000	.569754	.928338
3	.025400	.123269	.580152	1.000000	.587655	1.022732
4	.038100	.140585	.626196	1.000000	.608668	1.123464
5	.050800	.158341	.668925	1.000000	.631154	1.222092
6	.063500	.184462	.721516	1.000000	.663544	1.351574
7	.076200	.209483	.763724	1.000000	.694080	1.463188
8	.088900	.240006	.807305	1.000000	.730812	1.587082
9	.101600	.263999	.837303	1.000000	.759786	1.678367
10	.114300	.291587	.867651	1.000000	.792748	1.776525
11	.127000	.317562	.893110	1.000000	.823708	1.864020
12	.139700	.348819	.920452	1.000000	.850898	1.963973
13	.152400	.380516	.945124	1.000000	.898556	2.060251
14	.165100	.409058	.965313	1.000000	.932747	2.143921
15	.177800	.437014	.983182	1.000000	.965925	2.222103
16	.190500	.461887	.997826	1.000000	.995428	2.289384
17	.203200	.474141	1.004650	1.000000	1.009957	2.321801
18	.215900	.437014	.983182	1.000000	.965925	2.222103
19	.228600	.400107	.959242	1.000000	.922118	2.118264
20	.241300	.399080	.958534	1.000000	.920898	2.115299
21	.254000	.410599	.966340	1.000000	.934576	2.148305
22	.266700	.423880	.974984	1.000000	.950340	2.185726
23	.279400	.433272	.980880	1.000000	.961485	2.211801
24	.292100	.442737	.986650	1.000000	.972714	2.237766
25	.304800	.448753	.990231	1.000000	.979851	2.254112
26	.317500	.453303	.992896	1.000000	.985247	2.266393
27	.330200	.456238	.994596	1.000000	.988728	2.274280
28	.342900	.458659	.995987	1.000000	.991600	2.280766
29	.355600	.459686	.996574	1.000000	.992819	2.283512
30	.368300	.460934	.997285	1.000000	.994297	2.286841
31	.381000	.462474	.998159	1.000000	.996124	2.290948
32	.393700	.463648	.998822	1.000000	.997516	2.294072
33	.406400	.465336	.999772	1.000000	.999518	2.298555
34	.419100	.466143	1.000224	1.000000	1.000475	2.300696
35	.431800	.466877	1.000635	1.000000	1.001345	2.302640
36	.444500	.467904	1.001208	1.000000	1.002563	2.305360
37	.457200	.469078	1.001860	1.000000	1.003955	2.308464
38	.469900	.469958	1.002349	1.000000	1.004999	2.310789
39	.482600	.470399	1.002592	1.000000	1.005521	2.311951
40	.495300	.470986	1.002916	1.000000	1.006217	2.313499
41	.508000	.472013	1.003483	1.000000	1.007434	2.316205
42	.533400	.472893	1.003967	1.000000	1.008478	2.318522
43	.558800	.472160	1.003563	1.000000	1.007608	2.316591

ID NO. 13314-019

STATION X= 4.23 CM PTO= 23.653 N/SQ CM TTO=304.22K
R= 2.576 CM PWALL= .8050 N/SQ CM CF= .00200 PT [illegible]= .551
UE= 614.1 M/SEC RHOE=.00749 KG/CUB M RE= 18.343E6 /M
DELTA= .372 CM DELTA*= .1011 CM THETA= .0194 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.034035	.000000	1.000000	.382475	.000000
2	.012700	.092819	.640122	1.000000	.512038	1.301444
3	.025400	.115564	.706499	1.000000	.552894	1.492601
4	.038100	.133541	.748419	1.000000	.584730	1.626050
5	.050800	.147409	.776514	1.000000	.609377	1.722280
6	.063500	.159368	.798064	1.000000	.630424	1.800385
7	.076200	.168760	.813612	1.000000	.646925	1.859326
8	.088900	.177859	.827663	1.000000	.662892	1.914635
9	.101600	.186443	.840101	1.000000	.677944	1.965349
10	.114300	.197743	.855389	1.000000	.697739	2.030117
11	.127000	.207501	.867700	1.000000	.714822	2.084394
12	.139700	.217260	.879433	1.000000	.732142	2.138018
13	.152400	.230761	.894341	1.000000	.755766	2.209062
14	.165100	.243234	.907103	1.000000	.777581	2.272693
15	.177800	.252553	.916069	1.000000	.793872	2.319072
16	.190500	.265540	.927829	1.000000	.816568	2.382184
17	.203200	.276619	.937246	1.000000	.835924	2.434715
18	.215900	.288359	.946662	1.000000	.856428	2.489154
19	.228600	.298118	.954085	1.000000	.873469	2.533506
20	.241300	.311252	.963544	1.000000	.896398	2.591988
21	.254000	.321304	.970402	1.000000	.913944	2.635863
22	.266700	.330475	.976394	1.000000	.929951	2.675262
23	.279400	.338326	.981442	1.000000	.943956	2.709265
24	.292100	.346691	.986521	1.000000	.958560	2.744272
25	.304800	.353955	.990788	1.000000	.971241	2.774312
26	.317500	.358651	.993478	1.000000	.979439	2.793559
27	.330200	.363053	.995952	1.000000	.987123	2.811482
28	.342900	.366575	.997900	1.000000	.993271	2.825738
29	.355600	.368997	.999223	1.000000	.997497	2.835497
30	.368300	.370097	.999820	1.000000	.999418	2.839922
31	.381000	.371051	1.000335	1.000000	1.001083	2.843751
32	.393700	.371785	1.000730	1.000000	1.002364	2.846693
33	.406400	.372298	1.001006	1.000000	1.003260	2.848751
34	.419100	.372298	1.001006	1.000000	1.003260	2.848751
35	.431800	.372225	1.000966	1.000000	1.003132	2.848457
36	.444500	.372152	1.000927	1.000000	1.003004	2.848163
37	.457200	.372592	1.001163	1.000000	1.003772	2.849926
38	.469900	.372665	1.001202	1.000000	1.003900	2.850220
39	.482600	.372372	1.001045	1.000000	1.003388	2.849045
40	.495300	.372665	1.001202	1.000000	1.003900	2.850220
41	.508000	.372665	1.001202	1.000000	1.003900	2.850220
42	.533400	.372152	1.000927	1.000000	1.003004	2.848163
43	.558800	.371858	1.000769	1.000000	1.002492	2.846987

ID NO. 13314-020

STATION X= 5.00 CM PTO= 23.653 N/SQ CM TTO=304.22K
R= 2.576 CM PWALL= .8061 N/SQ CM CF= .00231 PI = .618
UE= 593.1 M/SEC RHOE=.00676 KG/CUB M RE= 14.469E6 /M
DELTA= .254 CM DELTA*= .0766 CM THETA= .0164 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.034078	.000000	1.000000	.424041	.000000
2	.012700	.092892	.662664	1.000000	.567596	1.301037
3	.025400	.114464	.728238	1.000000	.610526	1.482865
4	.038100	.131633	.770320	1.000000	.644214	1.611249
5	.050800	.144033	.796969	1.000000	.668651	1.698313
6	.063500	.155406	.818843	1.000000	.690827	1.773626
7	.076200	.164725	.835327	1.000000	.708966	1.832928
8	.088900	.174850	.851953	1.000000	.728650	1.895186
9	.101600	.185416	.868042	1.000000	.749167	1.957971
10	.114300	.194881	.881481	1.000000	.767531	2.012507
11	.127000	.204640	.894475	1.000000	.786450	2.067188
12	.139700	.215866	.908617	1.000000	.808472	2.129069
13	.152400	.226945	.921489	1.000000	.829942	2.187713
14	.165100	.238172	.933697	1.000000	.851685	2.245545
15	.177800	.249104	.944855	1.000000	.872851	2.300445
16	.190500	.260404	.955703	1.000000	.894719	2.355823
17	.203200	.274932	.968726	1.000000	.922825	2.425141
18	.215900	.283223	.975734	1.000000	.938861	2.463817
19	.228600	.294156	.984543	1.000000	.960001	2.513894
20	.241300	.305528	.993225	1.000000	.981988	2.564940
21	.254000	.314847	1.000000	1.000000	1.000000	2.606012
22	.266700	.327320	1.008628	1.000000	1.024106	2.659989
23	.279400	.334878	1.013738	1.000000	1.039044	2.692893
24	.292100	.335758	1.014310	1.000000	1.040746	2.696618
25	.304800	.343536	1.019264	1.000000	1.055782	2.729294
26	.317500	.351680	1.024278	1.000000	1.071526	2.763093
27	.330200	.355643	1.026655	1.000000	1.079185	2.779387
28	.342900	.361439	1.030064	1.000000	1.090389	2.803052
29	.355600	.363860	1.031463	1.000000	1.095068	2.812878
30	.368300	.367823	1.033724	1.000000	1.102726	2.828882
31	.381000	.402455	1.052039	1.000000	1.169649	2.965078
32	.393700	.446479	1.072125	1.000000	1.254697	3.129618
33	.406400	.452202	1.074512	1.000000	1.265752	3.150374
34	.419100	.454844	1.075598	1.000000	1.270854	3.159908
35	.431800	.456971	1.076466	1.000000	1.274964	3.167567
36	.444500	.458072	1.076913	1.000000	1.277089	3.171521
37	.457200	.458512	1.077091	1.000000	1.277940	3.173101
38	.469900	.460420	1.077859	1.000000	1.281624	3.179940
39	.482600	.460860	1.078036	1.000000	1.282475	3.181516
40	.495300	.460640	1.077948	1.000000	1.282050	3.180728
41	.508000	.461594	1.078330	1.000000	1.283892	3.184141
42	.533400	.461447	1.078271	1.000000	1.283608	3.183616
43	.558800	.461961	1.078476	1.000000	1.284600	3.185453

ID NO. 13314-021

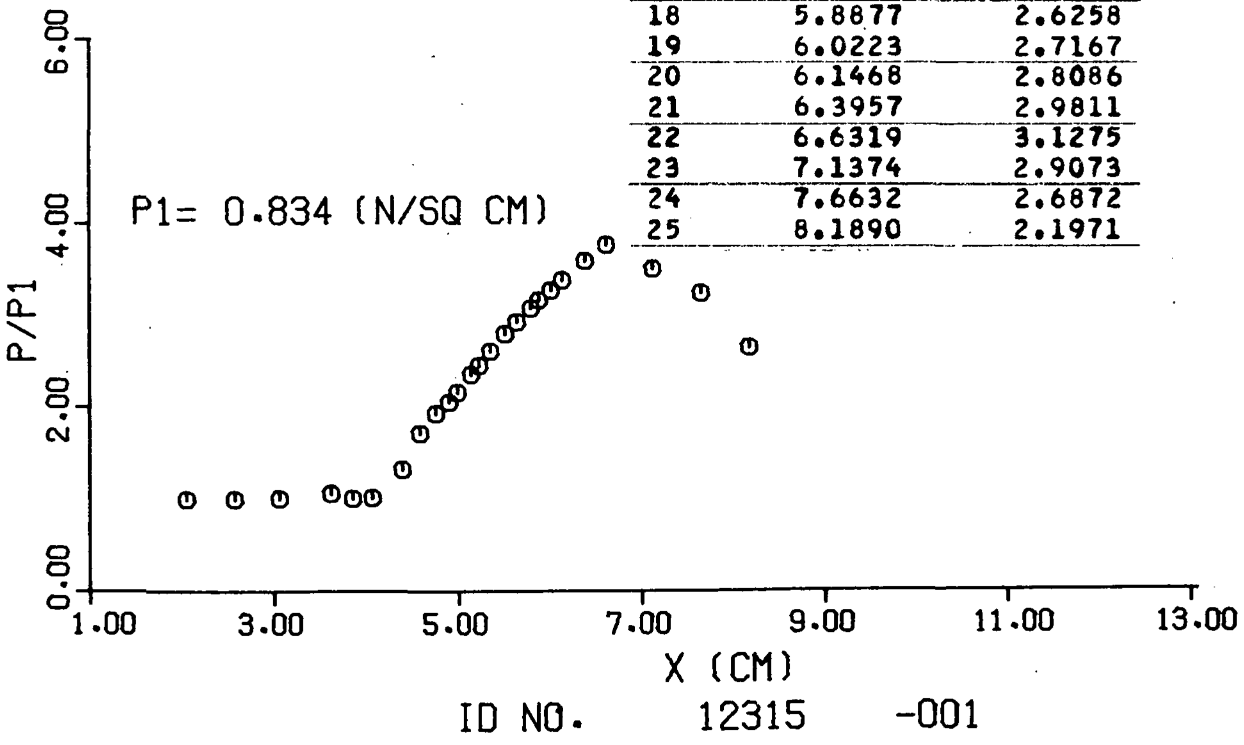
STATION X= 6.06 CM PTO= 23.653 N/SQ CM TTO=304.22K
R= 2.576 CM PWALL= 1.5077 N/SQ CM CF= .00155 PI =1.604
UE= 562.1 M/SEC RHOE=.01111 KG/CUB M RE= 19.941E6 /M
DELTA= .205 CM DELTA*= .0733 CM THETA= .0166 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.063742	.000000	1.000000	.482652	.000000
2	.012700	.110869	.531726	1.000000	.565346	.925560
3	.025400	.126057	.586822	1.000000	.587278	1.041087
4	.038100	.143740	.632415	1.000000	.608574	1.142137
5	.050800	.163110	.677386	1.000000	.632892	1.247556
6	.063500	.189965	.729022	1.000000	.665687	1.377003
7	.076200	.216893	.772556	1.000000	.698256	1.494501
8	.088900	.244041	.810006	1.000000	.730668	1.602903
9	.101600	.272217	.844075	1.000000	.764405	1.708448
10	.114300	.297971	.871410	1.000000	.794948	1.798669
11	.127000	.326513	.898437	1.000000	.828726	1.893442
12	.139700	.351974	.920120	1.000000	.858808	1.974020
13	.152400	.387707	.947342	1.000000	.900970	2.081715
14	.165100	.416469	.967134	1.000000	.935193	2.165193
15	.177800	.444058	.984313	1.000000	.967712	2.241639
16	.190500	.475535	1.002223	1.000000	1.004793	2.325743
17	.203200	.477296	1.003176	1.000000	1.006867	2.330357
18	.215900	.431804	.976866	1.000000	.953271	2.208018
19	.228600	.399593	.955854	1.000000	.915290	2.117044
20	.241300	.400400	.956408	1.000000	.916242	2.119372
21	.254000	.411627	.963961	1.000000	.929482	2.151489
22	.266700	.424027	.971990	1.000000	.944103	2.186405
23	.279400	.433859	.978135	1.000000	.955693	2.213691
24	.292100	.442957	.983656	1.000000	.966415	2.238640
25	.304800	.448607	.987007	1.000000	.973073	2.253991
26	.317500	.453009	.989579	1.000000	.978260	2.265879
27	.330200	.456384	.991528	1.000000	.982236	2.274951
28	.342900	.458145	.992537	1.000000	.984311	2.279669
29	.355600	.459246	.993165	1.000000	.985607	2.282614
30	.368300	.461227	.994290	1.000000	.987941	2.287903
31	.381000	.462328	.994912	1.000000	.989237	2.290836
32	.393700	.463575	.995615	1.000000	.990707	2.294156
33	.406400	.465263	.996561	1.000000	.992695	2.298640
34	.419100	.465703	.996807	1.000000	.993213	2.299808
35	.431800	.467537	.997830	1.000000	.995374	2.304669
36	.444500	.468197	.998196	1.000000	.996152	2.306417
37	.457200	.468638	.998440	1.000000	.996670	2.307581
38	.469900	.469298	.998806	1.000000	.997448	2.309326
39	.482600	.470252	.999332	1.000000	.998571	2.311845
40	.495300	.470619	.999535	1.000000	.999003	2.312813
41	.508000	.471793	1.000180	1.000000	1.000386	2.315907
42	.533400	.472086	1.000341	1.000000	1.000732	2.316680
43	.558800	.471573	1.000059	1.000000	1.000127	2.315327

ID NO. 12315-001

PTO= 23.8783 N/SQ CM
TTO= 301.4444 K
PBAR= 765.2000 MMHG
TMAN= 296.2222 K

I	X(CM)	P(N/SQ CM)
1	2.0574	.8336
2	2.5806	.8349
3	3.0683	.8411
4	3.6271	.8833
5	3.8633	.8394
6	4.0742	.8459
7	4.3993	1.1000
8	4.5923	1.4255
9	4.7625	1.6035
10	4.9073	1.7077
11	4.9987	1.7959
12	5.1486	1.9567
13	5.2349	2.0370
14	5.3594	2.1659
15	5.5220	2.3243
16	5.6464	2.4320
17	5.7988	2.5555
18	5.8877	2.6258
19	6.0223	2.7167
20	6.1468	2.8086
21	6.3957	2.9811
22	6.6319	3.1275
23	7.1374	2.9073
24	7.6632	2.6872
25	8.1890	2.1971



STATION X= 3.86 CM PTO= 23.884 N/SQ CM TTO=302.11K
R= 2.588 CM PWALL= .8394 N/SQ CM CF= .00208 PT = .388
UE= 613.2 M/SEC RHOE=.00791 KG/CUB M RE= 19.600E6 /M
DELTA= .398 CM DELTA*= .0981 CM THETA= .0189 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.035145	.000000	1.000000	.380127	.000000
2	.012700	.123957	.716284	1.000000	.557399	1.527005
3	.025400	.137489	.746153	1.000000	.580445	1.623231
4	.038100	.149310	.769660	1.000000	.600705	1.703341
5	.050800	.160017	.788866	1.000000	.618850	1.772017
6	.063500	.168790	.803445	1.000000	.633696	1.826284
7	.076200	.178976	.819217	1.000000	.650910	1.887258
8	.088900	.189162	.833885	1.000000	.668106	1.946259
9	.101600	.199943	.848341	1.000000	.686288	2.006762
10	.114300	.210723	.861817	1.000000	.704457	2.065447
11	.127000	.222173	.875332	1.000000	.723983	2.126712
12	.139700	.231616	.885672	1.000000	.739888	2.175344
13	.152400	.244850	.899247	1.000000	.762170	2.241697
14	.165100	.256003	.909935	1.000000	.780939	2.296100
15	.177800	.267378	.920198	1.000000	.800075	2.350275
16	.190500	.279795	.930730	1.000000	.820956	2.407997
17	.203200	.290873	.939590	1.000000	.839581	2.458340
18	.215900	.302917	.948698	1.000000	.859826	2.511917
19	.228600	.313549	.956319	1.000000	.877693	2.558268
20	.241300	.324628	.963875	1.000000	.896306	2.605679
21	.254000	.333103	.969409	1.000000	.910545	2.641373
22	.266700	.345446	.977219	1.000000	.931575	2.693226
23	.279400	.350427	.980214	1.000000	.939946	2.713591
24	.292100	.359126	.985297	1.000000	.954563	2.748790
25	.304800	.367081	.989789	1.000000	.967930	2.780587
26	.317500	.372286	.992650	1.000000	.976674	2.801192
27	.330200	.377267	.995333	1.000000	.985043	2.820773
28	.342900	.381208	.997419	1.000000	.991663	2.836165
29	.355600	.383587	.998662	1.000000	.995659	2.845418
30	.368300	.384628	.999203	1.000000	.997408	2.849457
31	.381000	.385446	.999626	1.000000	.998782	2.852626
32	.393700	.386115	.999971	1.000000	.999906	2.855216
33	.406400	.386264	1.000048	1.000000	1.000156	2.855792
34	.419100	.386561	1.000201	1.000000	1.000655	2.856942
35	.431800	.386859	1.000354	1.000000	1.001155	2.858092
36	.444500	.386859	1.000354	1.000000	1.001155	2.858092
37	.457200	.386859	1.000354	1.000000	1.001155	2.858092
38	.469900	.386859	1.000354	1.000000	1.001155	2.858092
39	.482600	.386859	1.000354	1.000000	1.001155	2.858092
40	.495300	.386859	1.000354	1.000000	1.001155	2.858092
41	.508000	.386859	1.000354	1.000000	1.001155	2.858092
42	.520700	.386859	1.000354	1.000000	1.001155	2.858092
43	.533400	.386859	1.000354	1.000000	1.001155	2.858092

ID NO. 12315-003

STATION X= 4.06 CM PTO= 23.884 N/SQ CM TTO=302.11K
R= 2.588 CM PWALL= .8459 N/SQ CM CF= .00210 PI = .388
UE= 610.9 M/SEC RHOE=.00788 KG/CUB M RE= 19.224E6 /M
DELTA= .395 CM DELTA*= .0967 CM THETA= .0189 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.035418	.000000	1.000000	.384641	.000000
2	.012700	.123585	.715761	1.000000	.561730	1.517238
3	.025400	.138604	.748984	1.000000	.587419	1.623559
4	.038100	.150128	.771841	1.000000	.607256	1.701122
5	.050800	.159422	.788587	1.000000	.623075	1.760523
6	.063500	.168567	.803918	1.000000	.638616	1.816994
7	.076200	.178455	.819359	1.000000	.655400	1.876070
8	.088900	.188047	.833330	1.000000	.671661	1.931584
9	.101600	.197786	.846611	1.000000	.688159	1.986324
10	.114300	.208493	.860264	1.000000	.706281	2.044761
11	.127000	.220612	.874815	1.000000	.727020	2.109653
12	.139700	.231987	.887395	1.000000	.746262	2.168126
13	.152400	.243512	.899323	1.000000	.765746	2.225768
14	.165100	.255928	.911347	1.000000	.786729	2.286220
15	.177800	.265965	.920497	1.000000	.803684	2.333926
16	.190500	.277861	.930743	1.000000	.823774	2.389216
17	.203200	.289237	.939983	1.000000	.842978	2.440902
18	.215900	.301579	.949447	1.000000	.863809	2.495754
19	.228600	.313326	.957958	1.000000	.883632	2.546854
20	.241300	.322100	.964021	1.000000	.898434	2.584351
21	.254000	.331765	.970432	1.000000	.914738	2.625036
22	.266700	.342695	.977362	1.000000	.933172	2.670288
23	.279400	.350947	.982493	1.000000	.947395	2.704687
24	.292100	.359721	.987645	1.000000	.962198	2.740028
25	.304800	.366264	.991368	1.000000	.973236	2.766088
26	.317500	.369832	.993358	1.000000	.979257	2.780199
27	.330200	.374145	.995724	1.000000	.986532	2.797154
28	.342900	.377193	.997372	1.000000	.991674	2.809077
29	.355600	.379126	.998408	1.000000	.994935	2.816612
30	.368300	.380390	.999080	1.000000	.997067	2.821527
31	.381000	.381431	.999631	1.000000	.998822	2.825569
32	.393700	.382100	.999985	1.000000	.999951	2.828164
33	.406400	.382323	1.000102	1.000000	1.000327	2.829029
34	.419100	.382323	1.000102	1.000000	1.000327	2.829029
35	.431800	.382323	1.000102	1.000000	1.000327	2.829029
36	.444500	.382323	1.000102	1.000000	1.000327	2.829029
37	.457200	.382323	1.000102	1.000000	1.000327	2.829029
38	.469900	.382100	.999985	1.000000	.999951	2.828164
39	.482600	.381951	.999906	1.000000	.999700	2.827588
40	.495300	.381877	.999867	1.000000	.999575	2.827299
41	.508000	.381877	.999867	1.000000	.999575	2.827299
42	.520700	.381654	.999749	1.000000	.999199	2.826434
43	.533400	.381654	.999749	1.000000	.999199	2.826434

STATION X= 4.39 CM PTO= 23.884 N/SQ CM TTO=302.11K

R= 2.588 CM PWALL= 1.1000 N/SQ CM CF= .00210 PI = .643

UE= 575.2 M/SEC RHOE=.00867 KG/CUB M RE= 16.961E6 /M

DELTA= .378 CM DELTA*= .0965 CM THETA= .0226 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.046058	.000000	1.000000	.454415	.000000
2	.012700	.116001	.654312	1.000000	.592904	1.234432
3	.025400	.131392	.695752	1.000000	.617496	1.339558
4	.038100	.143511	.724181	1.000000	.636547	1.415640
5	.050800	.156671	.752201	1.000000	.657329	1.494225
6	.063500	.167675	.773307	1.000000	.674468	1.556049
7	.076200	.177340	.790499	1.000000	.689479	1.608245
8	.088900	.186634	.805982	1.000000	.703881	1.656782
9	.101600	.197563	.823254	1.000000	.721028	1.712775
10	.114300	.206931	.836955	1.000000	.735512	1.758682
11	.127000	.219274	.853868	1.000000	.754568	1.817315
12	.139700	.228567	.865833	1.000000	.768900	1.860199
13	.152400	.239943	.879664	1.000000	.786427	1.911333
14	.165100	.251839	.893258	1.000000	.804740	1.963338
15	.177800	.263066	.905347	1.000000	.822010	2.011148
16	.190500	.272806	.915304	1.000000	.836984	2.051701
17	.203200	.285445	.927723	1.000000	.856689	2.103876
18	.215900	.296672	.938011	1.000000	.873944	2.148523
19	.228600	.305297	.945568	1.000000	.887195	2.182190
20	.241300	.318010	.956199	1.000000	.906721	2.230876
21	.254000	.326858	.963263	1.000000	.920305	2.264128
22	.266700	.338234	.971970	1.000000	.937766	2.306166
23	.279400	.346115	.977770	1.000000	.949860	2.334840
24	.292100	.353921	.983338	1.000000	.961839	2.362895
25	.304800	.360539	.987926	1.000000	.971990	2.386413
26	.317500	.366041	.991652	1.000000	.980429	2.405791
27	.330200	.370204	.994420	1.000000	.986815	2.420350
28	.342900	.373253	.996419	1.000000	.991490	2.430954
29	.355600	.375483	.997868	1.000000	.994911	2.438683
30	.368300	.377714	.999304	1.000000	.998332	2.446388
31	.381000	.378977	1.000112	1.000000	1.000270	2.450743
32	.393700	.379498	1.000444	1.000000	1.001068	2.452534
33	.406400	.380464	1.001059	1.000000	1.002550	2.455856
34	.419100	.380985	1.001389	1.000000	1.003348	2.457644
35	.431800	.381357	1.001624	1.000000	1.003918	2.458919
36	.444500	.385297	1.004099	1.000000	1.009961	2.472401
37	.457200	.428495	1.029056	1.000000	1.076176	2.615597
38	.469900	.504480	1.065238	1.000000	1.192983	2.850718
39	.482600	.510057	1.067566	1.000000	1.201528	2.867161
40	.495300	.510726	1.067843	1.000000	1.202553	2.869128
41	.508000	.511841	1.068303	1.000000	1.204262	2.872403
42	.520700	.513254	1.068884	1.000000	1.206426	2.876545
43	.533400	.515410	1.069765	1.000000	1.209730	2.882857

ID NO. 12315-005

STATION X= 4.60 CM PTO= 23.884 N/SQ CM TTO=302.11K
R= 2.588 CM PWALL= 1.4255 N/SQ CM CF= .00175 PI =1.333
UE= 544.5 M/SEC RHOE=.00999 KG/CUB M RE= 16.56956 /M
DELTA= .344 CM DELTA*= .1065 CM THETA= .0275 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.059684	.000000	1.000000	.511246	.000000
2	.012700	.091243	.483397	1.000000	.577163	.802913
3	.025400	.108864	.568187	1.000000	.607028	.967856
4	.038100	.123288	.617259	1.000000	.628236	1.069656
5	.050800	.136448	.655968	1.000000	.647400	1.153943
6	.063500	.155779	.703882	1.000000	.674604	1.263978
7	.076200	.172656	.739879	1.000000	.697999	1.351460
8	.088900	.187972	.768735	1.000000	.718891	1.425018
9	.101600	.201132	.791633	1.000000	.736978	1.485820
10	.114300	.214366	.812620	1.000000	.754884	1.543628
11	.127000	.226039	.829861	1.000000	.770634	1.592739
12	.139700	.237043	.845147	1.000000	.785449	1.637594
13	.152400	.248642	.860590	1.000000	.801299	1.684258
14	.165100	.258233	.872512	1.000000	.814186	1.721267
15	.177800	.267304	.883292	1.000000	.826361	1.755514
16	.190500	.278754	.896265	1.000000	.841713	1.797769
17	.203200	.289534	.907885	1.000000	.856154	1.836631
18	.215900	.300389	.919044	1.000000	.870684	1.874916
19	.228600	.309981	.928486	1.000000	.883512	1.908081
20	.241300	.318828	.936871	1.000000	.895340	1.938157
21	.254000	.327750	.945028	1.000000	.907262	1.968005
22	.266700	.337862	.953933	1.000000	.920767	2.001280
23	.279400	.345148	.960138	1.000000	.930494	2.024910
24	.292100	.351914	.965748	1.000000	.939525	2.046601
25	.304800	.359275	.971693	1.000000	.949346	2.069935
26	.317500	.364925	.976149	1.000000	.956884	2.087666
27	.330200	.370576	.980699	1.000000	.964741	2.105988
28	.342900	.389386	.994617	1.000000	.989839	2.163481
29	.355600	.471320	1.046067	1.000000	1.099033	2.397619
30	.368300	.502250	1.062371	1.000000	1.140215	2.480188
31	.381000	.505001	1.063752	1.000000	1.143877	2.487397
32	.393700	.508347	1.065418	1.000000	1.148330	2.496137
33	.406400	.510428	1.066446	1.000000	1.151101	2.501560
34	.419100	.511097	1.066776	1.000000	1.151992	2.503300
35	.431800	.512808	1.067615	1.000000	1.154268	2.507743
36	.444500	.513254	1.067833	1.000000	1.154862	2.508900
37	.457200	.514220	1.068305	1.000000	1.156149	2.511407
38	.469900	.515112	1.068739	1.000000	1.157336	2.513718
39	.482600	.516674	1.069497	1.000000	1.159414	2.517757
40	.495300	.517789	1.070036	1.000000	1.160899	2.520638
41	.508000	.518235	1.070251	1.000000	1.161492	2.521790
42	.520700	.519053	1.070645	1.000000	1.162581	2.523900
43	.533400	.521506	1.071821	1.000000	1.165846	2.530219

STATION X= 4.90 CM PTO= 23.884 N/SQ CM TTO=302.11K
R= 2.588 CM PWALL= 1.7077 N/SQ CM CF= .00045 PI =6.669
UE= 560.9 M/SEC RHOE=.01271 KG/CUB M RE= 22.963E6 /M
DELTA= .277 CM DELTA*= .1382 CM THETA= .0254 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.071501	.000000	1.000000	.481332	.000000
2	.012700	.074663	.153907	1.000000	.487319	.249386
3	.025400	.080388	.251920	1.000000	.497715	.412534
4	.038100	.085220	.307094	1.000000	.506086	.507096
5	.050800	.095778	.393048	1.000000	.523259	.659951
6	.063500	.105518	.450431	1.000000	.537940	.766837
7	.076200	.120611	.517243	1.000000	.558885	.897560
8	.088900	.139719	.581417	1.000000	.583669	1.031048
9	.101600	.154961	.616961	1.000000	.599735	1.109035
10	.114300	.172582	.656057	1.000000	.619666	1.198749
11	.127000	.193251	.695121	1.000000	.642304	1.293119
12	.139700	.212210	.726728	1.000000	.662924	1.373446
13	.152400	.231318	.755268	1.000000	.683577	1.449447
14	.165100	.251765	.782525	1.000000	.705355	1.525491
15	.177800	.270352	.805062	1.000000	.725074	1.591212
16	.190500	.298085	.835624	1.000000	.754638	1.684953
17	.203200	.327379	.864089	1.000000	.785545	1.777671
18	.215900	.383067	.910290	1.000000	.844120	1.941285
19	.228600	.427082	.941097	1.000000	.890309	2.061163
20	.241300	.463067	.963517	1.000000	.928341	2.154868
21	.254000	.488941	.978130	1.000000	.955459	2.219270
22	.266700	.513625	.991127	1.000000	.981317	2.278985
23	.279400	.533923	1.001190	1.000000	1.002573	2.326923
24	.292100	.541730	1.004921	1.000000	1.010746	2.345096
25	.304800	.546116	1.006985	1.000000	1.015338	2.355245
26	.317500	.549016	1.008337	1.000000	1.018374	2.361929
27	.330200	.546785	1.007298	1.000000	1.016039	2.356789
28	.342900	.542696	1.005378	1.000000	1.011758	2.347336
29	.355600	.536674	1.002513	1.000000	1.005453	2.333343
30	.368300	.531023	.999785	1.000000	.999537	2.320136
31	.381000	.528049	.998333	1.000000	.996423	2.313154
32	.393700	.526562	.997602	1.000000	.994865	2.309656
33	.406400	.525819	.997236	1.000000	.994087	2.307904
34	.419100	.525819	.997236	1.000000	.994087	2.307904
35	.431800	.527752	.998187	1.000000	.996111	2.312455
36	.444500	.530428	.999495	1.000000	.998914	2.318742
37	.457200	.530652	.999604	1.000000	.999147	2.319265
38	.469900	.531618	1.000074	1.000000	1.000159	2.321530
39	.482600	.532362	1.000435	1.000000	1.000938	2.323271
40	.495300	.533402	1.000939	1.000000	1.002028	2.325706
41	.508000	.534146	1.001298	1.000000	1.002806	2.327444
42	.520700	.534146	1.001298	1.000000	1.002806	2.327444
43	.533400	.536897	1.002620	1.000000	1.005686	2.333863

ID NO. 12315-007

STATION X= 5.16 CM PTO= 23.884 N/SQ CM TTO=302.11K
R= 2.588 CM PWALL= 1.9567 N/SQ CM CF= .00031 PT =8.801
UE= 560.3 M/SEC RHOE=.01453 KG/CUB M RE= 26.17E6 /M
DELTA= .293 CM DELTA*= .1524 CM THETA= .0269 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.081926	.000000	1.000000	.482399	.000000
2	.012700	.088046	.198400	1.000000	.492432	.322473
3	.025400	.090574	.233683	1.000000	.496431	.381360
4	.038100	.093771	.270412	1.000000	.501376	.443494
5	.050800	.097934	.309926	1.000000	.507638	.511462
6	.063500	.099942	.326599	1.000000	.510589	.540542
7	.076200	.113474	.414371	1.000000	.529454	.698365
8	.088900	.127005	.476929	1.000000	.546773	.816839
9	.101600	.145444	.540573	1.000000	.568367	.943948
10	.114300	.159347	.580523	1.000000	.584326	1.027841
11	.127000	.186039	.634711	1.000000	.609490	1.147726
12	.139700	.215482	.686609	1.000000	.638106	1.270383
13	.152400	.238382	.720906	1.000000	.659917	1.356444
14	.165100	.267378	.758896	1.000000	.687274	1.457223
15	.177800	.295111	.790578	1.000000	.713089	1.546307
16	.190500	.325817	.821677	1.000000	.741537	1.638679
17	.203200	.360539	.853017	1.000000	.773852	1.738063
18	.215900	.385149	.872891	1.000000	.796538	1.804440
19	.228600	.418978	.897746	1.000000	.827669	1.891737
20	.241300	.453699	.920727	1.000000	.859571	1.977202
21	.254000	.493179	.944239	1.000000	.895798	2.069980
22	.266700	.530652	.964548	1.000000	.930466	2.155028
23	.279400	.570503	.983967	1.000000	.966997	2.241158
24	.292100	.604109	.998965	1.000000	.997785	2.311255
25	.304800	.630504	1.009962	1.000000	1.021956	2.364631
26	.317500	.647530	1.016722	1.000000	1.037544	2.398748
27	.330200	.658311	1.020876	1.000000	1.047412	2.419975
28	.342900	.664705	1.023295	1.000000	1.053265	2.432476
29	.355600	.665374	1.023546	1.000000	1.053878	2.433781
30	.368300	.664482	1.023211	1.000000	1.053061	2.432041
31	.381000	.659277	1.021244	1.000000	1.048297	2.421869
32	.393700	.648496	1.017099	1.000000	1.038429	2.400659
33	.406400	.634221	1.011460	1.000000	1.025360	2.372279
34	.419100	.616674	1.004281	1.000000	1.009293	2.336916
35	.431800	.597343	.996039	1.000000	.991588	2.297317
36	.444500	.580094	.988369	1.000000	.975786	2.261388
37	.457200	.565076	.981432	1.000000	.962023	2.229627
38	.469900	.557492	.977834	1.000000	.955073	2.213412
39	.482600	.554444	.976369	1.000000	.952279	2.206861
40	.495300	.550057	.974241	1.000000	.948258	2.197398
41	.508000	.548496	.973478	1.000000	.946827	2.194020
42	.520700	.547455	.972968	1.000000	.945872	2.191764
43	.533400	.545893	.972200	1.000000	.944441	2.188377

ID NO. 12315-008

STATION X= 5.36 CM PTO= 23.884 N/SQ CM TTO=302.11K
R= 2.588 CM PWALL= 2.1659 N/SQ CM CF= .00040 PT =7.553
UE= 535.2 M/SEC RHOE=.01471 KG/CUB M RE= 23.292E6 /M
DELTA= .279 CM DELTA*= .1354 CM THETA= .0272 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.090684	.000000	1.000000	.527699	.000000
2	.012700	.101280	.256525	1.000000	.544626	.400479
3	.025400	.103734	.282467	1.000000	.548363	.442489
4	.038100	.106485	.308168	1.000000	.552479	.484559
5	.050800	.110648	.342065	1.000000	.558567	.540814
6	.063500	.118752	.396233	1.000000	.569962	.632812
7	.076200	.126113	.436343	1.000000	.579840	.702883
8	.088900	.137786	.488384	1.000000	.594693	.796727
9	.101600	.155704	.550466	1.000000	.615833	.913826
10	.114300	.178827	.612966	1.000000	.641545	1.038607
11	.127000	.198976	.651452	1.000000	.659986	1.119569
12	.139700	.228047	.702691	1.000000	.688192	1.233164
13	.152400	.258307	.747252	1.000000	.716715	1.338264
14	.165100	.290204	.787765	1.000000	.746495	1.439832
15	.177800	.326115	.827066	1.000000	.779550	1.544770
16	.190500	.361505	.860950	1.000000	.811951	1.641135
17	.203200	.391517	.886974	1.000000	.839710	1.719400
18	.215900	.425149	.912930	1.000000	.870266	1.801627
19	.228600	.462919	.939250	1.000000	.904616	1.889796
20	.241300	.492436	.957986	1.000000	.931422	1.955843
21	.254000	.522993	.975915	1.000000	.959146	2.021882
22	.266700	.549908	.990610	1.000000	.983545	2.078267
23	.279400	.568198	1.000252	1.000000	1.000451	2.116453
24	.292100	.582920	1.007573	1.000000	1.013795	2.146115
25	.304800	.597790	1.014722	1.000000	1.027270	2.175659
26	.317500	.609537	1.020202	1.000000	1.037913	2.198712
27	.330200	.619946	1.024941	1.000000	1.047342	2.218935
28	.342900	.625671	1.027501	1.000000	1.052527	2.229978
29	.355600	.633701	1.031040	1.000000	1.059799	2.245374
30	.368300	.643441	1.035251	1.000000	1.068619	2.263906
31	.381000	.651916	1.038845	1.000000	1.076293	2.279908
32	.393700	.658682	1.041668	1.000000	1.082418	2.292601
33	.406400	.663812	1.043733	1.000000	1.087062	2.302177
34	.419100	.668495	1.045694	1.000000	1.091302	2.310886
35	.431800	.670950	1.046688	1.000000	1.093522	2.315435
36	.444500	.669612	1.046146	1.000000	1.092311	2.312955
37	.457200	.665448	1.044452	1.000000	1.088542	2.305222
38	.469900	.660021	1.042222	1.000000	1.083629	2.295103
39	.482600	.652511	1.039095	1.000000	1.076831	2.281027
40	.495300	.636972	1.032464	1.000000	1.062761	2.251616
41	.508000	.617195	1.023699	1.000000	1.044950	2.213608
42	.520700	.595559	1.013665	1.000000	1.025249	2.171253
43	.533400	.580912	1.006589	1.000000	1.011976	2.142095

STATION X= 5.64 CM PTO= 23.884 N/SQ CM TTO=302.11K
R= 2.588 CM PWALL= 2.4320 N/SQ CM CF= .00041 PT[illegible]=7.294
UE= 536.2 M/SEC RHOE=.01657 KG/CUB M RE= 26.362E6 /M
DELTA= .300 CM DELTA*= .1425 CM THETA= .0288 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.101827	.000000	1.000000	.526011	.000000
2	.012700	.117042	.286877	1.000000	.547363	.450511
3	.025400	.117488	.290691	1.000000	.547958	.456748
4	.038100	.121875	.324964	1.000000	.553727	.513281
5	.050800	.125816	.351767	1.000000	.558785	.558148
6	.063500	.132284	.389853	1.000000	.566846	.623024
7	.076200	.140909	.432432	1.000000	.577168	.697334
8	.088900	.151615	.476247	1.000000	.589372	.776066
9	.101600	.163511	.516733	1.000000	.602230	.851175
10	.114300	.183214	.570921	1.000000	.622128	.955845
11	.127000	.204404	.617346	1.000000	.641982	1.049934
12	.139700	.229906	.661163	1.000000	.663484	1.143130
13	.152400	.260166	.707143	1.000000	.689415	1.246290
14	.165100	.294962	.751781	1.000000	.718483	1.352606
15	.177800	.332583	.793300	1.000000	.749617	1.457904
16	.190500	.369758	.828814	1.000000	.779967	1.553700
17	.203200	.414665	.866314	1.000000	.816443	1.661537
18	.215900	.455038	.896246	1.000000	.849412	1.753307
19	.228600	.493476	.921606	1.000000	.880480	1.835595
20	.241300	.529685	.943313	1.000000	.909698	1.909748
21	.254000	.566488	.963513	1.000000	.939358	1.982188
22	.266700	.593998	.977534	1.000000	.961508	2.034605
23	.279400	.616600	.988433	1.000000	.979696	2.076657
24	.292100	.634667	.996960	1.000000	.994559	2.110400
25	.304800	.644779	1.001491	1.000000	1.002697	2.128647
26	.317500	.649612	1.003624	1.000000	1.006586	2.137312
27	.330200	.649835	1.003722	1.000000	1.006765	2.137711
28	.342900	.648348	1.003068	1.000000	1.005569	2.135049
29	.355600	.644779	1.001491	1.000000	1.002697	2.128647
30	.368300	.640392	.999537	1.000000	.999167	2.120751
31	.381000	.635336	.997263	1.000000	.995098	2.111612
32	.393700	.633180	.996285	1.000000	.993362	2.107703
33	.406400	.631024	.995304	1.000000	.991627	2.103786
34	.419100	.630206	.994930	1.000000	.990969	2.102298
35	.431800	.631991	.995744	1.000000	.992405	2.105542
36	.444500	.634890	.997061	1.000000	.994739	2.110804
37	.457200	.640169	.999437	1.000000	.998987	2.120348
38	.469900	.644407	1.001326	1.000000	1.002398	2.127979
39	.482600	.649537	1.003591	1.000000	1.006526	2.137179
40	.495300	.655337	1.006123	1.000000	1.011192	2.147531
41	.508000	.657195	1.006928	1.000000	1.012687	2.150838
42	.520700	.663812	1.009769	1.000000	1.018011	2.162569
43	.533400	.666638	1.010971	1.000000	1.020283	2.167558

STATION X= 5.89 CM PTO= 23.884 N/SQ CM TTO=302.11K
R= 2.588 CM PWALL= 2.6238 N/SQ CM CF= .00061 PT =5.273
UE= 531.3 M/SEC RHOE=.01760 KG/CUB M RE= 27.341E6 /M
DELTA= .288 CM DELTA*= .1265 CM THETA= .0280 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.109939	.000000	1.000000	.534627	.000000
2	.012700	.133920	.343204	1.000000	.565633	.538492
3	.025400	.138604	.371000	1.000000	.571216	.584970
4	.038100	.144477	.401683	1.000000	.578030	.637116
5	.050800	.149756	.426172	1.000000	.583987	.679433
6	.063500	.159645	.466085	1.000000	.594754	.749884
7	.076200	.171690	.506915	1.000000	.607243	.824094
8	.088900	.188047	.552737	1.000000	.623239	.910345
9	.101600	.204478	.590857	1.000000	.638336	.984644
10	.114300	.224404	.627658	1.000000	.654647	1.059465
11	.127000	.250872	.671556	1.000000	.676538	1.152446
12	.139700	.283438	.716915	1.000000	.702705	1.253760
13	.152400	.317267	.757388	1.000000	.729323	1.349393
14	.165100	.357193	.798606	1.000000	.760440	1.453228
15	.177800	.393104	.831283	1.000000	.788756	1.539529
16	.190500	.437119	.866478	1.000000	.821738	1.638644
17	.203200	.490131	.903751	1.000000	.862441	1.750949
18	.215900	.530280	.928621	1.000000	.892993	1.830723
19	.228600	.575782	.954084	1.000000	.927556	1.916976
20	.241300	.607009	.970114	1.000000	.951247	1.973921
21	.254000	.630578	.981524	1.000000	.969115	2.015805
22	.266700	.653032	.991887	1.000000	.986129	2.054893
23	.279400	.665746	.997550	1.000000	.995759	2.076692
24	.292100	.673478	1.000925	1.000000	1.001615	2.089836
25	.304800	.677195	1.002718	1.000000	1.004761	2.096864
26	.317500	.677716	1.002942	1.000000	1.005155	2.097743
27	.330200	.676972	1.002622	1.000000	1.004592	2.096487
28	.342900	.676229	1.002114	1.000000	1.003698	2.094492
29	.355600	.674891	1.001537	1.000000	1.002684	2.092229
30	.368300	.673552	1.000958	1.000000	1.001671	2.089962
31	.381000	.672586	1.000539	1.000000	1.000939	2.088324
32	.393700	.670801	.999763	1.000000	.999588	2.085296
33	.406400	.668273	.998660	1.000000	.997673	2.080998
34	.419100	.665522	.997452	1.000000	.995590	2.076312
35	.431800	.664482	.996994	1.000000	.994802	2.074535
36	.444500	.661136	.995514	1.000000	.992268	2.068816
37	.457200	.656303	.993358	1.000000	.988607	2.060525
38	.469900	.652957	.991854	1.000000	.986073	2.054765
39	.482600	.649612	.990339	1.000000	.983538	2.048989
40	.495300	.646489	.988916	1.000000	.981172	2.043582
41	.508000	.644184	.987860	1.000000	.979426	2.039583
42	.520700	.644184	.987860	1.000000	.979426	2.039583
43	.533400	.646117	.988746	1.000000	.980890	2.042938

ID NO. 12315-011

STATION X= 6.15 CM PTO= 23.884 N/SQ CM TTO=302.11K
R= 2.588 CM PWALL= 2.8086 N/SQ CM CF= .00071 PT[illegible] =4.607
UE= 523.8 M/SEC RHOE=.01838 KG/CUB M RE= 27.554E6 /M
DELTA= .283 CM DELTA*= .1190 CM THETA= .0278 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.117592	.000000	1.000000	.547552	.000000
2	.012700	.148492	.377530	1.000000	.585296	.587079
3	.025400	.154292	.406249	1.000000	.591737	.635204
4	.038100	.160017	.431528	1.000000	.597929	.678252
5	.050800	.169013	.466477	1.000000	.607347	.738935
6	.063500	.178381	.498075	1.000000	.616781	.795091
7	.076200	.190426	.533262	1.000000	.628403	.859245
8	.088900	.205891	.571714	1.000000	.642580	.931535
9	.101600	.223809	.611662	1.000000	.659125	1.009375
10	.114300	.245965	.646708	1.000000	.675346	1.080260
11	.127000	.278679	.695603	1.000000	.701021	1.183815
12	.139700	.310575	.735888	1.000000	.725248	1.273832
13	.152400	.350427	.779534	1.000000	.755182	1.376949
14	.165100	.393996	.820789	1.000000	.787631	1.480641
15	.177800	.429535	.850315	1.000000	.813763	1.559142
16	.190500	.481357	.888409	1.000000	.851696	1.666527
17	.203200	.520243	.914083	1.000000	.880368	1.743310
18	.215900	.566860	.941605	1.000000	.914338	1.830117
19	.228600	.602771	.960930	1.000000	.940463	1.894173
20	.241300	.632957	.976073	1.000000	.962400	1.946333
21	.254000	.658311	.988091	1.000000	.980812	1.989055
22	.266700	.672809	.994697	1.000000	.991335	2.013066
23	.279400	.683515	.999457	1.000000	.999104	2.030611
24	.292100	.686043	1.000567	1.000000	1.000938	2.034730
25	.304800	.687010	1.000990	1.000000	1.001640	2.036303
26	.317500	.687679	1.001282	1.000000	1.002125	2.037392
27	.330200	.687233	1.001088	1.000000	1.001802	2.036665
28	.342900	.686043	1.000567	1.000000	1.000938	2.034730
29	.355600	.684407	.999850	1.000000	.999752	2.032066
30	.368300	.683738	.999556	1.000000	.999266	2.030974
31	.381000	.682549	.999032	1.000000	.998403	2.029033
32	.393700	.681359	.998507	1.000000	.997540	2.027090
33	.406400	.680169	.997980	1.000000	.996677	2.025145
34	.419100	.679575	.997717	1.000000	.996245	2.024171
35	.431800	.678608	.997288	1.000000	.995544	2.022589
36	.444500	.678385	.997189	1.000000	.995382	2.022223
37	.457200	.677790	.996924	1.000000	.994950	2.021249
38	.469900	.677567	.996825	1.000000	.994788	2.020893
39	.482600	.676749	.996461	1.000000	.994195	2.019542
40	.495300	.676080	.996162	1.000000	.993709	2.018444
41	.508000	.676526	.996361	1.000000	.994033	2.019176
42	.520700	.674296	.995364	1.000000	.992414	2.015512
43	.533400	.673775	.995131	1.000000	.992037	2.014656

STATION X= 6.40 CM PTO= 23.884 N/SQ CM TTO=302.11K
R= 2.588 CM PWALL= 2.9811 N/SQ CM CF= .00083 PT =3.755
UE= 516.9 M/SEC RHOE=.01909 KG/CUB M RE= 27.6985E6 /M
DELTA= .289 CM DELTA*= .1133 CM THETA= .0284 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.124815	.000000	1.000000	.559517	.000000
2	.012700	.168493	.431882	1.000000	.609602	.669007
3	.025400	.173400	.451157	1.000000	.614623	.701738
4	.038100	.182099	.481919	1.000000	.623279	.754845
5	.050800	.189236	.504490	1.000000	.630163	.794552
6	.063500	.199943	.534751	1.000000	.640150	.848858
7	.076200	.213103	.567247	1.000000	.651916	.908680
8	.088900	.229757	.602672	1.000000	.666083	.975861
9	.101600	.248047	.638037	1.000000	.681770	1.045220
10	.114300	.273921	.674650	1.000000	.699822	1.119735
11	.127000	.298010	.707809	1.000000	.717955	1.189891
12	.139700	.330650	.746931	1.000000	.741818	1.276356
13	.152400	.367974	.786192	1.000000	.768844	1.367699
14	.165100	.408792	.823889	1.000000	.798166	1.460353
15	.177800	.446116	.854309	1.000000	.824619	1.539163
16	.190500	.502250	.894656	1.000000	.864208	1.650091
17	.203200	.546339	.922908	1.000000	.895493	1.732735
18	.215900	.581433	.943257	1.000000	.920126	1.795132
19	.228600	.614295	.960963	1.000000	.943161	1.851579
20	.241300	.641805	.974887	1.000000	.962423	1.897493
21	.254000	.666340	.986679	1.000000	.979590	1.937495
22	.266700	.682846	.994302	1.000000	.991133	1.963933
23	.279400	.691248	.998091	1.000000	.997006	1.977251
24	.292100	.696601	1.000475	1.000000	1.000748	1.985688
25	.304800	.700170	1.002050	1.000000	1.003242	1.991293
26	.317500	.701508	1.002639	1.000000	1.004178	1.993391
27	.330200	.703144	1.003356	1.000000	1.005321	1.995951
28	.342900	.702772	1.003193	1.000000	1.005061	1.995370
29	.355600	.702921	1.003258	1.000000	1.005165	1.995602
30	.368300	.702400	1.003030	1.000000	1.004801	1.994788
31	.381000	.701880	1.002802	1.000000	1.004437	1.993973
32	.393700	.701285	1.002541	1.000000	1.004022	1.993041
33	.406400	.700690	1.002279	1.000000	1.003606	1.992109
34	.419100	.699575	1.001789	1.000000	1.002827	1.990360
35	.431800	.698757	1.001428	1.000000	1.002255	1.989076
36	.444500	.697493	1.000870	1.000000	1.001372	1.987091
37	.457200	.695634	1.000046	1.000000	1.000072	1.984168
38	.469900	.694742	.999650	1.000000	.999449	1.982763
39	.482600	.693255	.998988	1.000000	.998409	1.980419
40	.495300	.691768	.998324	1.000000	.997370	1.978073
41	.508000	.691025	.997991	1.000000	.996850	1.976898
42	.520700	.688794	.996991	1.000000	.995291	1.973371
43	.533400	.687233	.996288	1.000000	.994199	1.970898

ID NO. 12315-013

STATION X= 6.63 CM PTO= 23.884 N/SQ CM TTO=302.11K

R= 2.588 CM PWALL= 3.1275 N/SQ CM CF= .00093 PI =3.510

UE= 512.6 M/SEC RHOE=.01977 KG/CUB M RE= 28.12856 /M

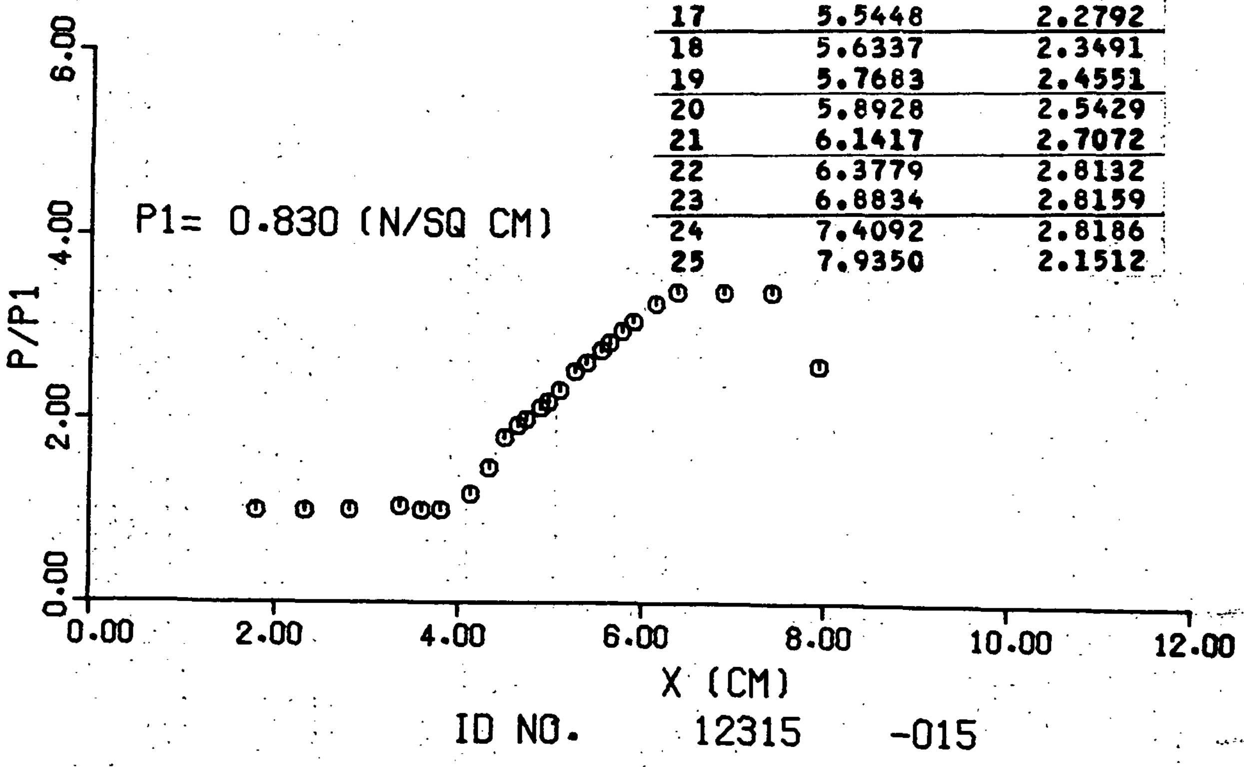
DELTA= .292 CM DELTA*= .1112 CM THETA= .0287 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.130946	.000000	1.000000	.556740	.000000
2	.012700	.180389	.449293	1.000000	.621058	.692249
3	.025400	.185667	.468135	1.000000	.626197	.724258
4	.038100	.194218	.495832	1.000000	.634304	.772059
5	.050800	.201727	.517765	1.000000	.641217	.810592
6	.063500	.213028	.547363	1.000000	.651281	.863628
7	.076200	.227526	.580548	1.000000	.663649	.924644
8	.088900	.242396	.610220	1.000000	.675762	.980732
9	.101600	.262768	.645687	1.000000	.691679	1.049864
10	.114300	.288122	.681243	1.000000	.709376	1.121779
11	.127000	.315259	.716848	1.000000	.729057	1.196673
12	.139700	.340538	.746251	1.000000	.746967	1.260965
13	.152400	.381803	.788704	1.000000	.775837	1.358208
14	.165100	.417045	.820787	1.000000	.800348	1.435612
15	.177800	.466636	.860364	1.000000	.834313	1.536434
16	.190500	.512808	.892858	1.000000	.865771	1.624243
17	.203200	.555038	.919848	1.000000	.894745	1.701112
18	.215900	.596526	.943765	1.000000	.922882	1.772574
19	.228600	.630578	.961894	1.000000	.945939	1.829052
20	.241300	.654221	.973771	1.000000	.961930	1.867222
21	.254000	.680839	.986507	1.000000	.979920	1.909249
22	.266700	.694668	.992875	1.000000	.989262	1.930711
23	.279400	.706266	.998092	1.000000	.997094	1.948524
24	.292100	.710579	1.000003	1.000000	1.000005	1.955104
25	.304800	.712883	1.001019	1.000000	1.001561	1.958611
26	.317500	.712214	1.000725	1.000000	1.001110	1.957594
27	.330200	.711471	1.000397	1.000000	1.000608	1.956462
28	.342900	.710579	1.000003	1.000000	1.000005	1.955104
29	.355600	.709166	.999379	1.000000	.999052	1.952951
30	.368300	.708422	.999050	1.000000	.998550	1.951817
31	.381000	.706935	.998389	1.000000	.997546	1.949546
32	.393700	.705448	.997728	1.000000	.996542	1.947273
33	.406400	.704631	.997363	1.000000	.995989	1.946022
34	.419100	.703887	.997031	1.000000	.995487	1.944884
35	.431800	.702326	.996332	1.000000	.994433	1.942491
36	.444500	.702028	.996199	1.000000	.994232	1.942035
37	.457200	.700839	.995664	1.000000	.993429	1.940209
38	.469900	.700467	.995497	1.000000	.993178	1.939639
39	.482600	.699798	.995196	1.000000	.992726	1.938611
40	.495300	.698162	.994458	1.000000	.991622	1.936096
41	.508000	.696601	.993752	1.000000	.990567	1.933692
42	.520700	.696452	.993685	1.000000	.990467	1.933463
43	.533400	.694965	.993010	1.000000	.989462	1.931170

ID NO. 12315-015

PTO= 23.8827 N/SQ CM
TTO= 308.4444 K
PBAR= 764.8000 MMHG
TMAN= 298.8889 K

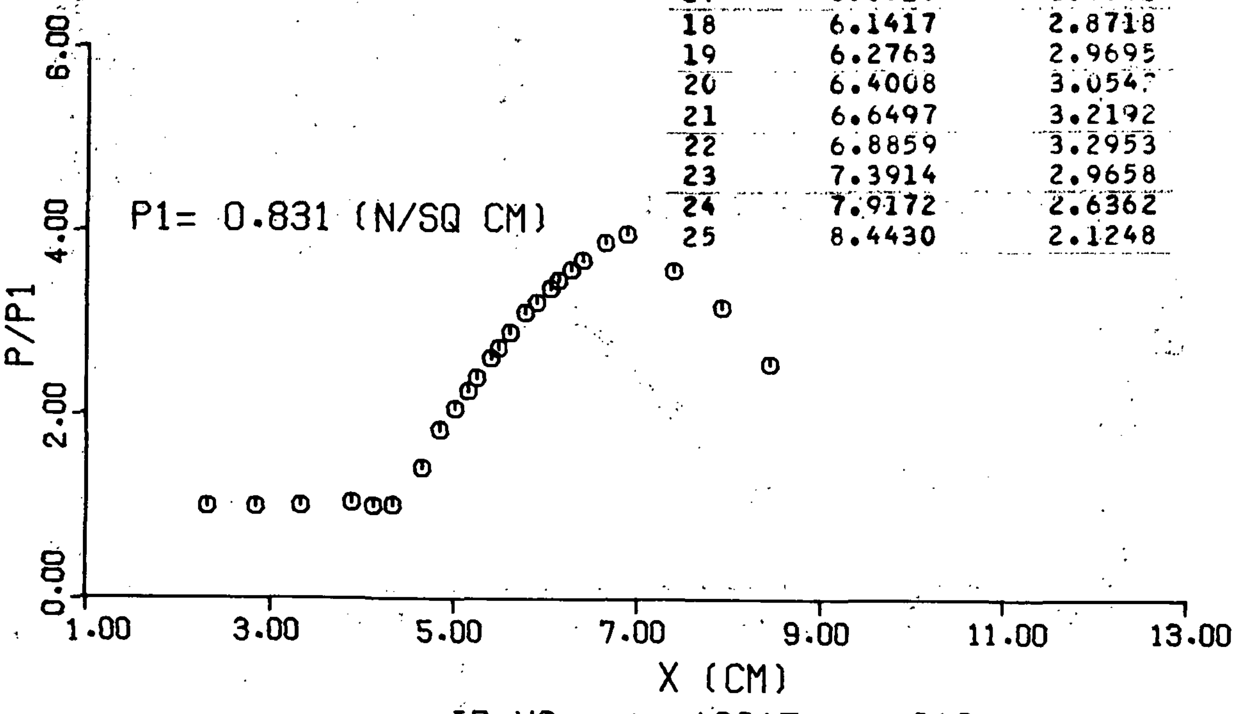
I	X(CM)	P(N/SQ CM)
1	1.8034	.8298
2	2.3266	.8298
3	2.8143	.8364
4	3.3731	.8672
5	3.6093	.8322
6	3.8202	.8374
7	4.1453	.9777
8	4.3383	1.2157
9	4.5085	1.4890
10	4.6533	1.6015
11	4.7447	1.6577
12	4.8946	1.7596
13	4.9809	1.8145
14	5.1054	1.9198
15	5.2680	2.0916
16	5.3924	2.1674
17	5.5448	2.2792
18	5.6337	2.3491
19	5.7683	2.4551
20	5.8928	2.5429
21	6.1417	2.7072
22	6.3779	2.8132
23	6.8834	2.8159
24	7.4092	2.8186
25	7.9350	2.1512



ID NO. 12315-016

PTO= 23.8827 N/SQ CM
TTO= 308.4444 K
PBAR= 764.8000 MMHG
TMAN= 298.8889 K

I	X(CM)	P(N/SQ CM)
1	2.3114	.8312
2	2.8346	.8302
3	3.3223	.8364
4	3.8811	.8676
5	4.1173	.8343
6	4.3282	.8412
7	4.6533	1.1776
8	4.8463	1.5188
9	5.0165	1.7116
10	5.1613	1.8711
11	5.2527	1.9904
12	5.4026	2.1674
13	5.4889	2.2582
14	5.6134	2.3968
15	5.7760	2.5806
16	5.9004	2.6722
17	6.0528	2.8001
18	6.1417	2.8718
19	6.2763	2.9695
20	6.4008	3.054[illegible]
21	6.6497	3.2192
22	6.8859	3.2953
23	7.3914	2.9658
24	7.9172	2.6362
25	8.4430	2.1248

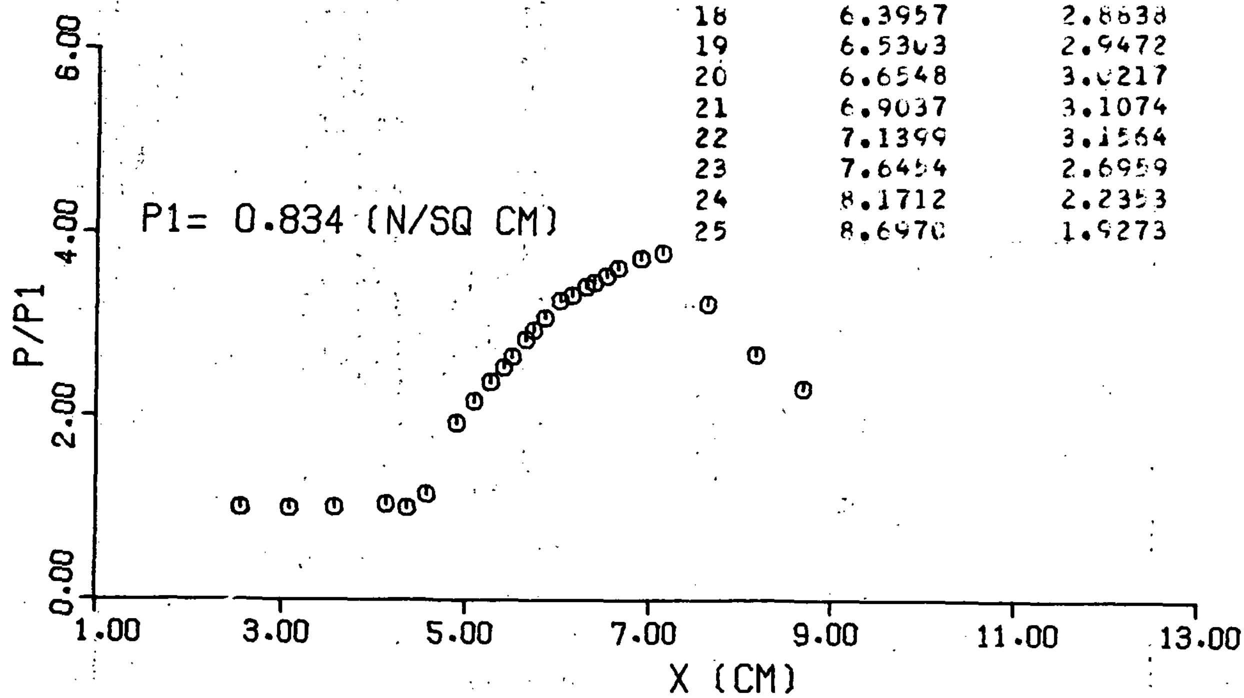


ID NO. 12315 -016

ID NO. 12315-017

PTO= 23.8827 N/SQ CM
TTO= 308.4444 K
PBAR= 764.8000 MMHG
TMAN= 298.6667 K

I	X(CM)	P(N/SQ CM)
1	2.5654	.8343
2	3.0886	.6343
3	3.5763	.8425
4	4.1351	.8717
5	4.3713	.8374
6	4.5822	.9615
7	4.9073	1.6090
8	5.1003	1.8073
9	5.2705	1.9832
10	5.4153	2.1163
11	5.5067	2.2137
12	5.6566	2.3697
13	5.7429	2.4520
14	5.8674	2.5666
15	6.0300	2.7230
16	6.1544	2.7699
17	6.3068	2.8468
18	6.3957	2.8638
19	6.5303	2.9472
20	6.6548	3.0217
21	6.9037	3.1074
22	7.1399	3.1564
23	7.6454	2.6959
24	8.1712	2.2353
25	8.6970	1.9273

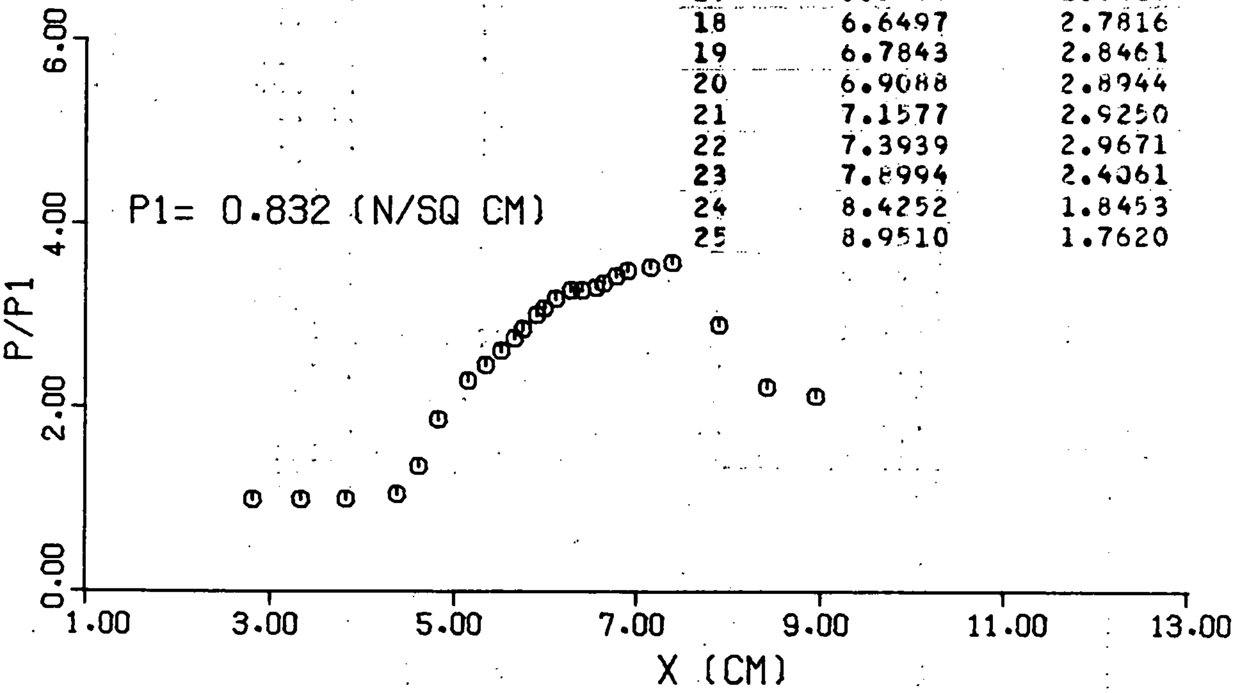


ID NO. 12315 -017

ID NO. 12315-018

PTO= 23.8827 N/SQ CM
TTO= 308.4444 K
PBAR= 764.8000 MMHG
TMAN= 298.6667 K

I	X(CM)	P(N/SQ CM)
1	2.8194	.8319
2	3.3426	.8316
3	3.8303	.8367
4	4.3891	.8799
5	4.6253	1.1272
6	4.8362	1.5500
7	5.1613	1.9002
8	5.3543	2.0408
9	5.5245	2.1687
10	5.6693	2.2819
11	5.7607	2.3659
12	5.9106	2.4915
13	5.9969	2.5546
14	6.1214	2.6437
15	6.2840	2.7185
16	6.4084	2.7175
17	6.5608	2.7425
18	6.6497	2.7816
19	6.7843	2.8461
20	6.9088	2.8944
21	7.1577	2.9250
22	7.3939	2.9671
23	7.8994	2.4061
24	8.4252	1.8453
25	8.9510	1.7620

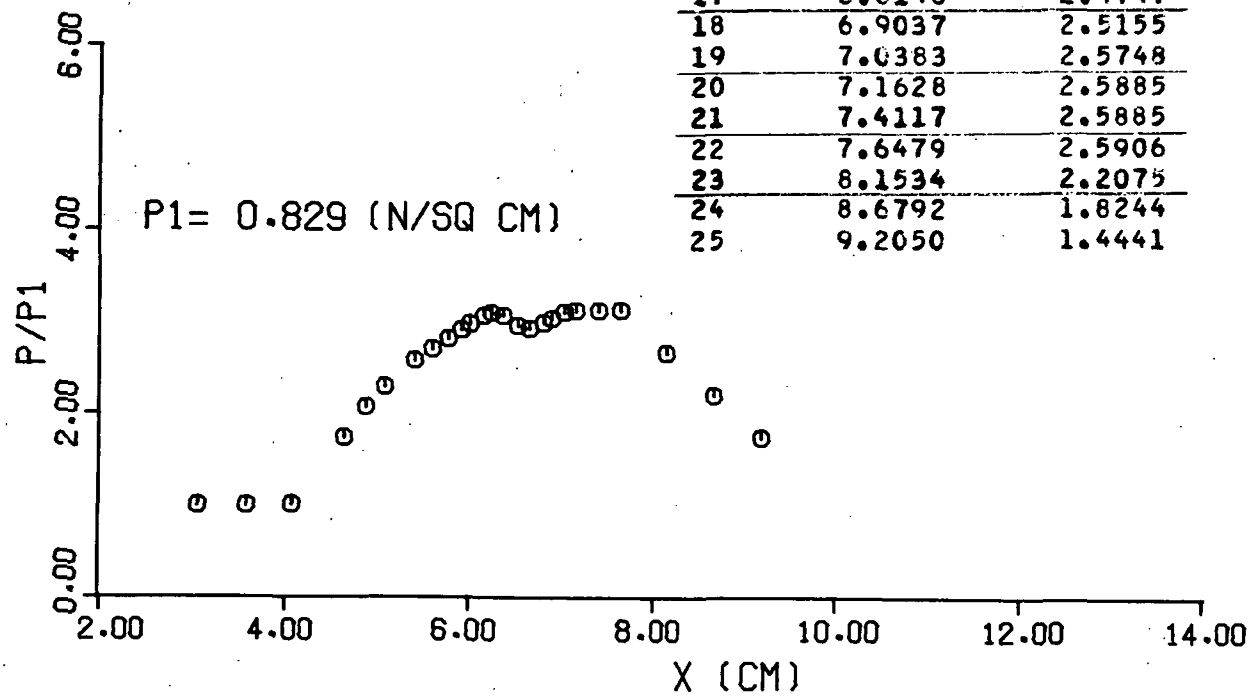


ID NO. 12315 -018

ID NO. 12315-019

PTO= 23.8825 N/SQ CM
TTO= 307.6667 K
PBAR= 764.8000 MMHG
TMAN= 298.8889 K

I	X(CM)	P(N/SQ CM)
1	3.0734	.8295
2	3.5966	.8295
3	4.0843	.8405
4	4.6431	1.4427
5	4.8793	1.7171
6	5.0902	1.8999
7	5.4153	2.1351
8	5.6083	2.2411
9	5.7785	2.3337
10	5.9233	2.4129
11	6.0147	2.4702
12	6.1646	2.5412
13	6.2509	2.5645
14	6.3754	2.5412
15	6.5380	2.4482
16	6.6624	2.4256
17	6.8148	2.4747
18	6.9037	2.5155
19	7.0383	2.5748
20	7.1628	2.5885
21	7.4117	2.5885
22	7.6479	2.5906
23	8.1534	2.2075
24	8.6792	1.8244
25	9.2050	1.4441

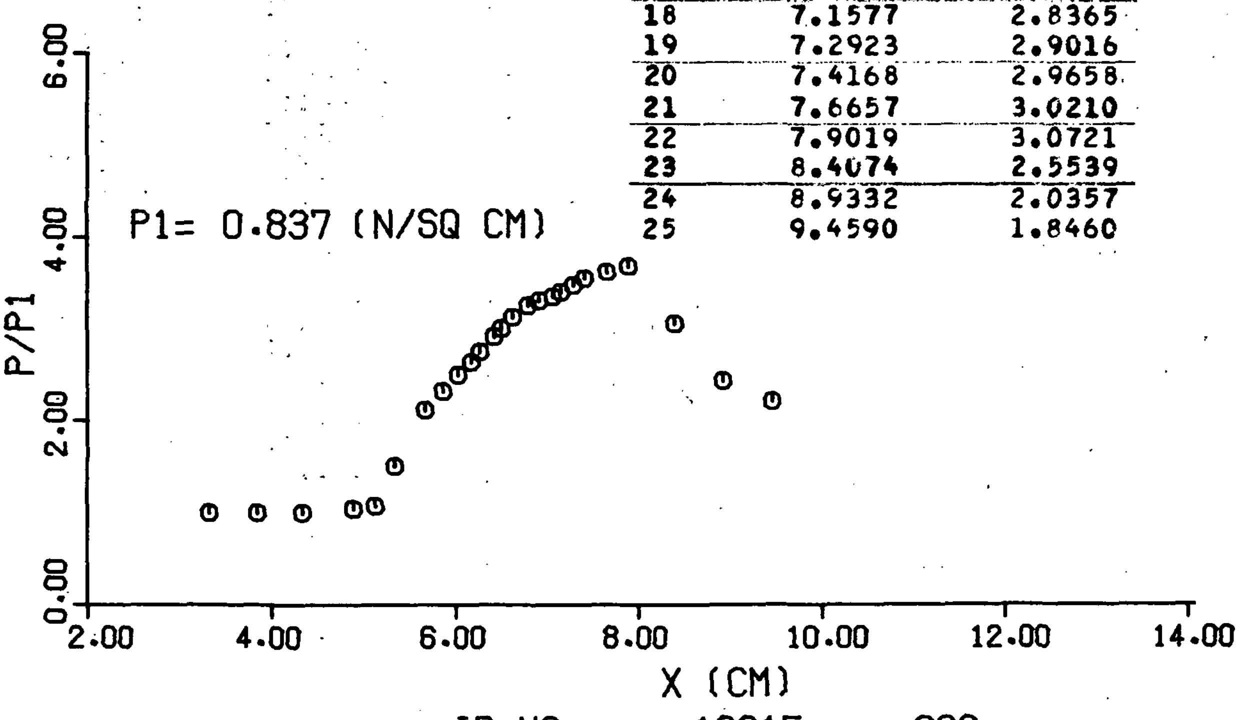


ID NO. 12315 -019

ID NO. 12315-020

PTO= 23.8825 N/SQ CM
TTO= 302.1111 K
PBAR= 764.8000 MMHG
TMAN= 298.8889 K

I	X(CM)	P(N/SQ CM)
1	3.3274	.8367
2	3.8506	.8367
3	4.3383	.8415
4	4.8971	.8720
5	5.1333	.8971
6	5.3442	1.2592
7	5.6693	1.7678
8	5.8623	1.9379
9	6.0325	2.0864
10	6.1773	2.2017
11	6.2687	2.2967
12	6.4186	2.4332
13	6.5049	2.5065
14	6.6294	2.6105
15	6.7920	2.7171
16	6.9164	2.7627
17	7.0688	2.7984
18	7.1577	2.8365
19	7.2923	2.9016
20	7.4168	2.9658
21	7.6657	3.0210
22	7.9019	3.0721
23	8.4074	2.5539
24	8.9332	2.0357
25	9.4590	1.8460

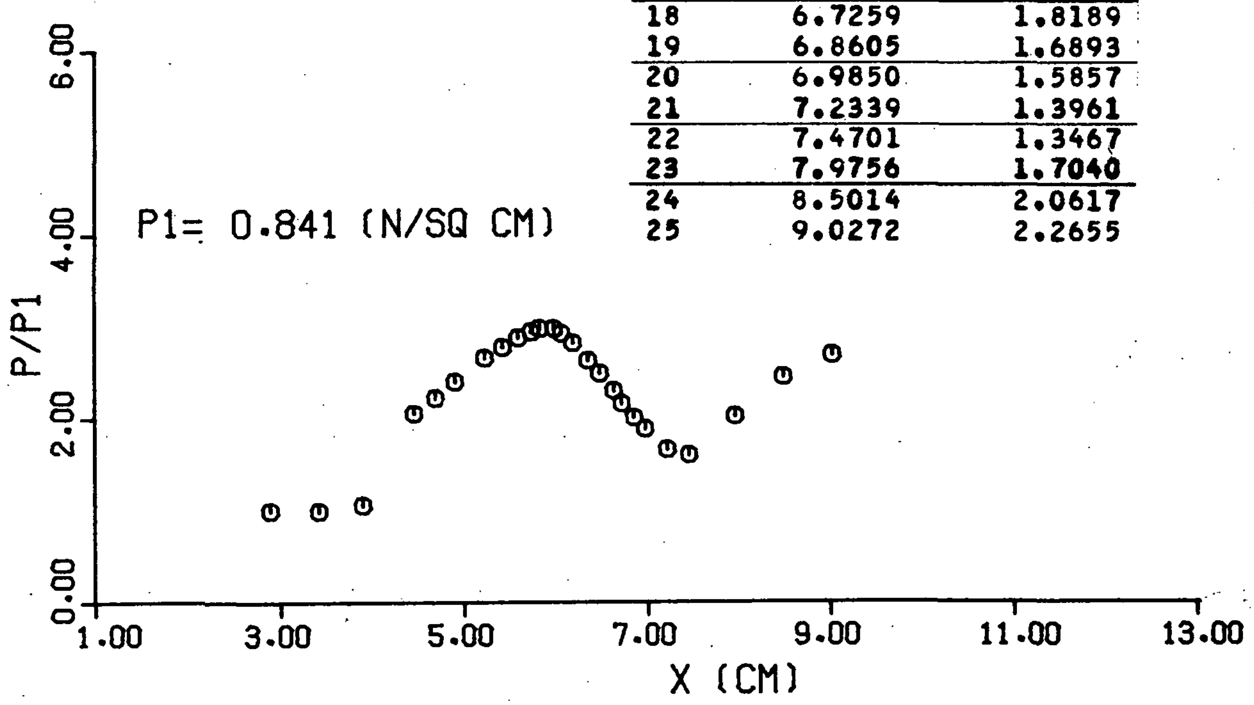


ID NO. 12315 -020

ID NO. 12315-021

PTO= 23.8836 N/SQ CM
TTO= 302.1111 K
PBAR= 764.8000 MMHG
TMAN= 298.8889 K

I	X(CM)	P(N/SQ CM)
1	2.8956	.8415
2	3.4188	.8367
3	3.9065	.8905
4	4.4653	1.7308
5	4.7015	1.8724
6	4.9124	2.0213
7	5.2375	2.2373
8	5.4305	2.3354
9	5.6007	2.4198
10	5.7455	2.4750
11	5.8369	2.5059
12	5.9868	2.5031
13	6.0731	2.4589
14	6.1976	2.3714
15	6.3602	2.2099
16	6.4846	2.0950
17	6.6370	1.9348
18	6.7259	1.8189
19	6.8605	1.6893
20	6.9850	1.5857
21	7.2339	1.3961
22	7.4701	1.3467
23	7.9756	1.7040
24	8.5014	2.0617
25	9.0272	2.2655

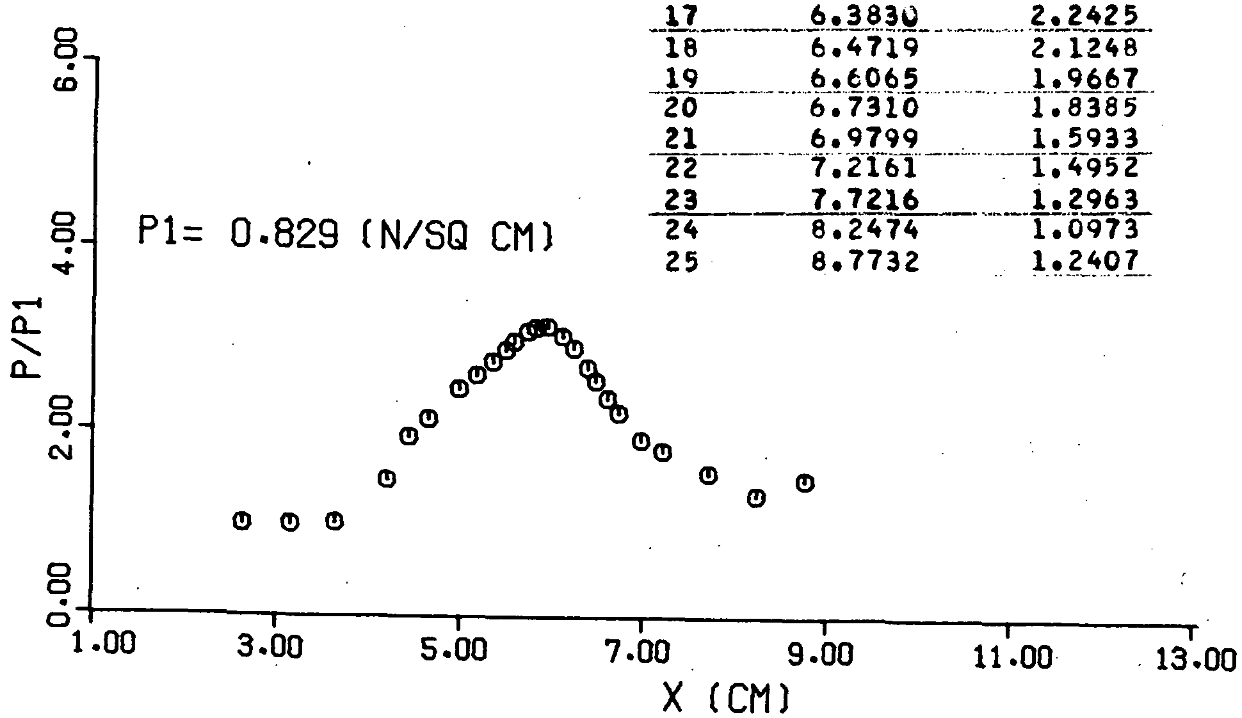


ID NO. 12315 -021

ID NO. 12315-022

PTO= 23.8842 N/SQ CM
TTO= 302.5556 K
PBAR= 764.6000 MMHG
TMAN= 299.2222 K

I	X(CM)	P(N/SQ CM)
1	2.6416	.8295
2	3.1648	.8295
3	3.6525	.8412
4	4.2113	1.2277
5	4.4475	1.6149
6	4.6584	1.7778
7	4.9835	2.0473
8	5.1765	2.1739
9	5.3467	2.2977
10	5.4915	2.3985
11	5.5829	2.4743
12	5.7328	2.5683
13	5.8191	2.6029
14	5.9436	2.6115
15	6.1062	2.5251
16	6.2306	2.4174
17	6.3830	2.2425
18	6.4719	2.1248
19	6.6065	1.9667
20	6.7310	1.8385
21	6.9799	1.5933
22	7.2161	1.4952
23	7.7216	1.2963
24	8.2474	1.0973
25	8.7732	1.2407

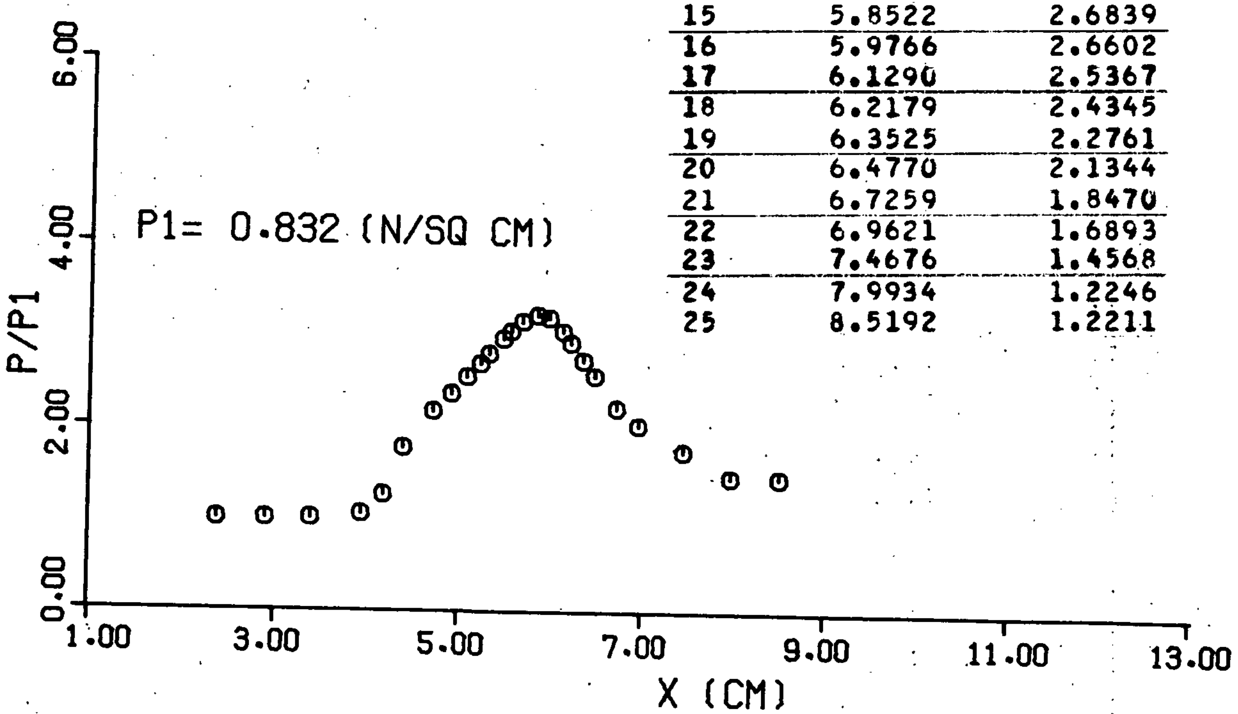


ID NO. 12315 -022

ID NO. 12315-023

PTO=	23.8846 N/SQ CM
TTO=	302.5556 K
PBAR=	764.8000 MMHG
TMAN=	298.8889 K

I	X(CM)	P(N/SQ CM)
1	2.3676	.8316
2	2.9108	.8336
3	3.3985	.8391
4	3.9573	.8765
5	4.1935	1.0500
6	4.4044	1.4784
7	4.7295	1.8086
8	4.9225	1.9650
9	5.0927	2.1197
10	5.2375	2.2414
11	5.3289	2.3330
12	5.4788	2.4678
13	5.5651	2.5384
14	5.6896	2.6238
15	5.8522	2.6839
16	5.9766	2.6602
17	6.1290	2.5367
18	6.2179	2.4345
19	6.3525	2.2761
20	6.4770	2.1344
21	6.7259	1.8470
22	6.9621	1.6893
23	7.4676	1.4568
24	7.9934	1.2246
25	8.5192	1.2211

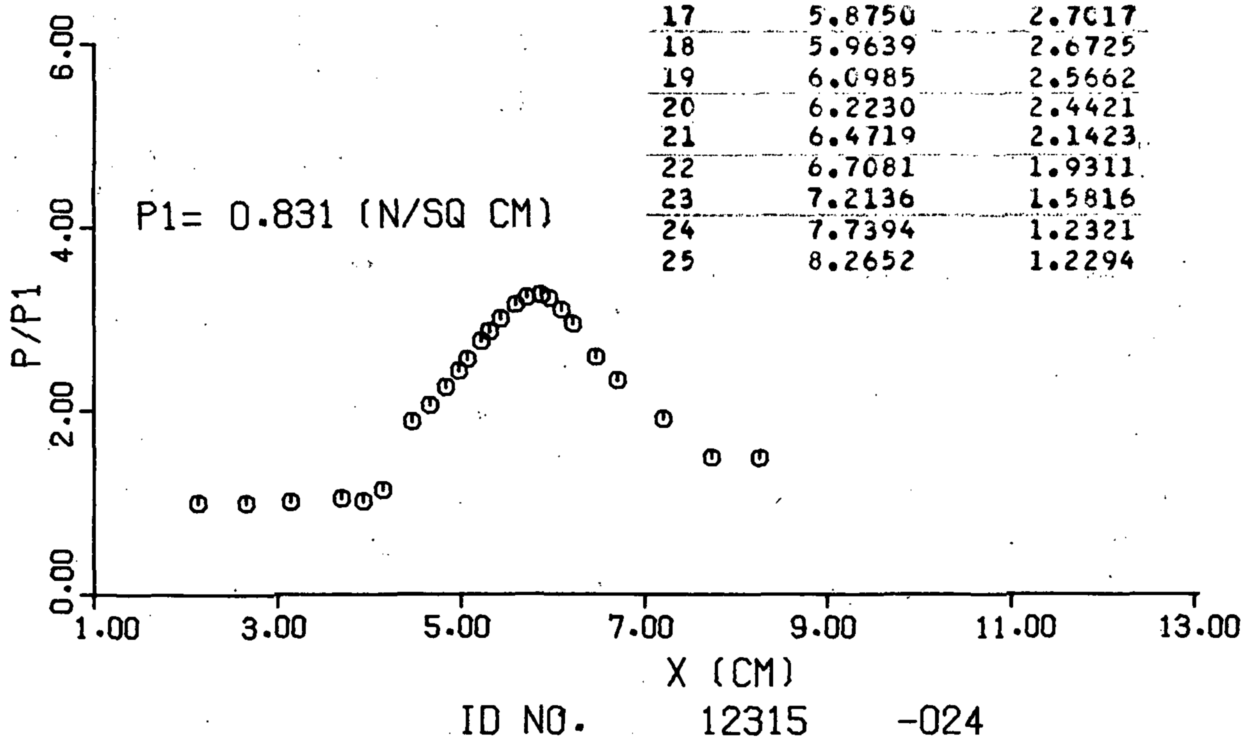


ID NO. 12315 -023

ID NO. 12315-024

PTO= 23.8844 N/SQ CM
TTO= 302.3333 K
PBAR= 764.6000 MMHG
TMAN= 298.8889 K

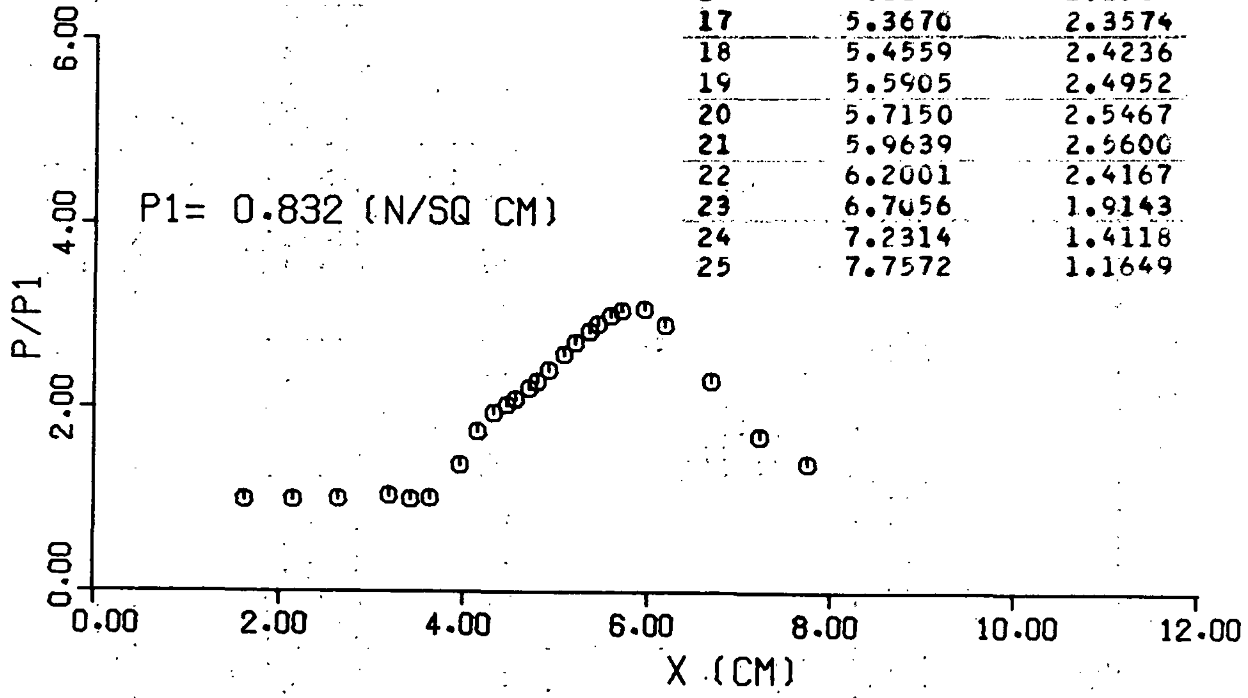
I	X(CM)	P(N/SQ CM)
1	2.1336	.8312
2	2.6568	.8312
3	3.1445	.8367
4	3.7033	.8672
5	3.9395	.8405
6	4.1504	.9444
7	4.4755	1.5600
8	4.6685	1.7057
9	4.8387	1.8669
10	4.9835	2.0134
11	5.0749	2.1211
12	5.2248	2.2857
13	5.3111	2.3701
14	5.4356	2.4860
15	5.5982	2.6146
16	5.7226	2.6815
17	5.8750	2.7017
18	5.9639	2.6725
19	6.0985	2.5662
20	6.2230	2.4421
21	6.4719	2.1423
22	6.7081	1.9311
23	7.2136	1.5816
24	7.7394	1.2321
25	8.2652	1.2294



ID NO. 12315-025

PTO= 23.8844 N/SQ CM
TTO= 302.3333 K
PBAR= 764.8000 MMHG
TMAN= 298.8889 K

I	X(CM)	P(N/SQ CM)
1	1.6256	.8322
2	2.1488	.8322
3	2.6365	.8384
4	3.1953	.8696
5	3.4315	.8367
6	3.6424	.8449
7	3.9675	1.1436
8	4.1605	1.4496
9	4.3307	1.6155
10	4.4755	1.6893
11	4.5669	1.7418
12	4.7168	1.8395
13	4.8031	1.8992
14	4.9276	2.0048
15	5.0902	2.1482
16	5.2146	2.2534
17	5.3670	2.3574
18	5.4559	2.4236
19	5.5905	2.4952
20	5.7150	2.5467
21	5.9639	2.5600
22	6.2001	2.4167
23	6.7056	1.9143
24	7.2314	1.4118
25	7.7572	1.1649

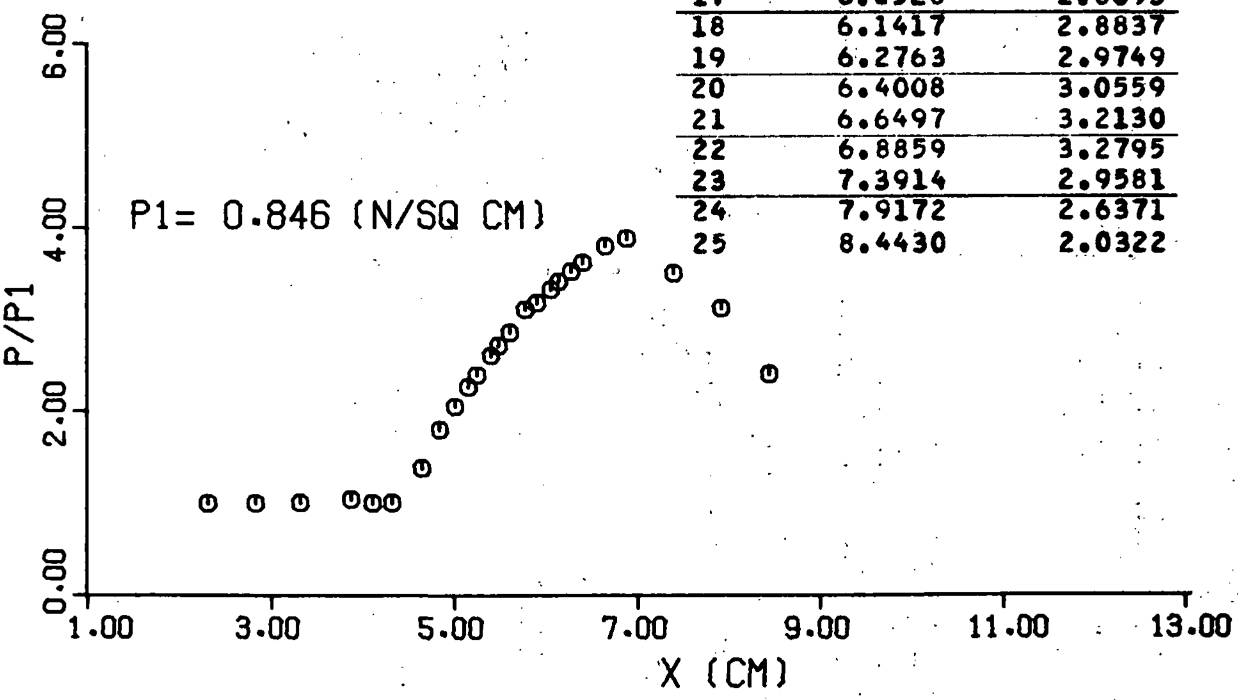


ID NO. 12315 -025

ID NO. 12315-026

PTO= 23.9078 N/SQ CM
TTO= 300.1667 K
PBAR= 765.3000 MMHG
TMAN= 298.0000 K

I	X(CM)	P(N/SQ CM)
1	2.3114	.8462
2	2.8346	.8462
3	3.3223	.8545
4	3.8811	.8829
5	4.1173	.8479
6	4.3282	.8534
7	4.6533	1.1679
8	4.8463	1.5229
9	5.0165	1.7372
10	5.1613	1.9142
11	5.2527	2.0232
12	5.4026	2.2036
13	5.4889	2.2949
14	5.6134	2.4128
15	5.7760	2.6268
16	5.9004	2.6882
17	6.0528	2.8093
18	6.1417	2.8837
19	6.2763	2.9749
20	6.4008	3.0559
21	6.6497	3.2130
22	6.8859	3.2795
23	7.3914	2.9581
24	7.9172	2.6371
25	8.4430	2.0322



ID NO. 12315 -026

ID NO. 12315-027

STATION X= 4.85 CM PTO= 23.908 N/SQ CM TTO=300.17K
R= 2.588 CM PWALL= 1.5228 N/SQ CM CF= .00116 PI =2.367
UE= 566.8 M/SEC RHOE=.01176 KG/CUB M RE= 22.231E6 /M
DELTA= .353 CM DELTA*= .1320 CM THETA= .0286 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.063695	.000000	1.000000	.466842	.000000
2	.012700	.087677	.404557	1.000000	.511473	.691383
3	.025400	.099710	.474792	1.000000	.530616	.826460
4	.038100	.111965	.528383	1.000000	.548485	.935103
5	.050800	.127341	.581807	1.000000	.569649	1.049325
6	.063500	.146207	.629460	1.000000	.591874	1.157205
7	.076200	.161562	.664336	1.000000	.610495	1.240385
8	.088900	.177105	.695346	1.000000	.628985	1.317797
9	.101600	.189509	.717593	1.000000	.643516	1.375578
10	.114300	.199536	.734310	1.000000	.655203	1.420349
11	.127000	.209564	.750321	1.000000	.667068	1.464402
12	.139700	.221373	.767715	1.000000	.680762	1.513651
13	.152400	.232366	.782920	1.000000	.693474	1.557975
14	.165100	.241948	.795475	1.000000	.704531	1.595528
15	.177800	.251232	.807074	1.000000	.715228	1.631035
16	.190500	.261408	.819197	1.000000	.726935	1.669030
17	.203200	.272475	.831977	1.000000	.739897	1.710113
18	.215900	.294981	.855640	1.000000	.765736	1.789197
19	.228600	.334347	.892023	1.000000	.810823	1.919405
20	.241300	.393024	.937283	1.000000	.878149	2.098856
21	.254000	.417387	.953474	1.000000	.905963	2.168662
22	.266700	.435362	.964629	1.000000	.926473	2.218731
23	.279400	.457347	.977454	1.000000	.951550	2.278451
24	.292100	.469974	.984445	1.000000	.965947	2.312042
25	.304800	.481264	.990480	1.000000	.978817	2.341662
26	.317500	.488394	.994192	1.000000	.986944	2.360175
27	.330200	.492999	.996549	1.000000	.992193	2.372053
28	.342900	.496713	.998428	1.000000	.996425	2.381589
29	.355600	.500353	1.000251	1.000000	1.000573	2.390897
30	.368300	.500650	1.000398	1.000000	1.000911	2.391655
31	.381000	.503175	1.001651	1.000000	1.003789	2.398090
32	.393700	.505404	1.002749	1.000000	1.006328	2.403753
33	.406400	.505849	1.002968	1.000000	1.006836	2.404884
34	.419100	.508226	1.004130	1.000000	1.009544	2.410907
35	.431800	.509711	1.004853	1.000000	1.011237	2.414664
36	.444500	.511346	1.005645	1.000000	1.013098	2.418759
37	.457200	.511865	1.005896	1.000000	1.013691	2.420101
38	.469900	.511865	1.005896	1.000000	1.013691	2.420101
39	.482600	.514019	1.006932	1.000000	1.016145	2.425525
40	.495300	.517213	1.008458	1.000000	1.019784	2.433546
41	.508000	.519962	1.009760	1.000000	1.022915	2.440426
42	.520700	.521967	1.010704	1.000000	1.025199	2.445434
43	.533400	.523304	1.011331	1.000000	1.026722	2.448767

ID NO. 12315-028

STATION X= 5.61 CM PTO= 23.908 N/SQ CM TTO=300.17K
R= 2.588 CM PWALL= 2.4127 N/SQ CM CF= .00129 PT =2.225
UE= 518.5 M/SEC RHOE=.01571 KG/CUB M RE= 23.216E6 /M
DELTA= .381 CM DELTA*= .0921 CM THETA= .0198 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.100918	.000000	1.000000	.553790	.000000
2	.012700	.119913	.328256	1.000000	.581761	.502536
3	.025400	.122661	.348596	1.000000	.585539	.535405
4	.038100	.131129	.401946	1.000000	.596814	.623261
5	.050800	.143607	.463546	1.000000	.612517	.728172
6	.063500	.159948	.525654	1.000000	.631670	.838547
7	.076200	.177402	.577584	1.000000	.650642	.935123
8	.088900	.199388	.631600	1.000000	.673711	1.040545
9	.101600	.235040	.693542	1.000000	.705130	1.168934
10	.114300	.262374	.735239	1.000000	.729833	1.260731
11	.127000	.303522	.788246	1.000000	.766220	1.384908
12	.139700	.337615	.825978	1.000000	.796158	1.479281
13	.152400	.387974	.873585	1.000000	.839744	1.606797
14	.165100	.426523	.905447	1.000000	.873235	1.698286
15	.177800	.474282	.940026	1.000000	.914287	1.804112
16	.190500	.511346	.963982	1.000000	.946076	1.881976
17	.203200	.571509	.998497	1.000000	.997586	2.001724
18	.215900	.606418	1.016435	1.000000	1.027435	2.067946
19	.228600	.631078	1.028499	1.000000	1.048856	2.114191
20	.241300	.639917	1.032605	1.000000	1.056412	2.130264
21	.254000	.646230	1.035493	1.000000	1.061808	2.141670
22	.266700	.637986	1.031715	1.000000	1.054761	2.126763
23	.279400	.618302	1.022235	1.000000	1.037591	2.090000
24	.292100	.594683	1.010559	1.000000	1.017403	2.045929
25	.304800	.583987	1.005070	1.000000	1.008258	2.025650
26	.317500	.583393	1.004761	1.000000	1.007750	2.024517
27	.330200	.586438	1.006339	1.000000	1.010354	2.030316
28	.342900	.588369	1.007335	1.000000	1.012005	2.033984
29	.355600	.590226	1.008288	1.000000	1.013593	2.037505
30	.368300	.585993	1.006109	1.000000	1.009973	2.029468
31	.381000	.574331	1.000000	1.000000	1.000000	2.007162
32	.393700	.562744	.993768	1.000000	.990088	1.984742
33	.406400	.549969	.986701	1.000000	.979155	1.959718
34	.419100	.542393	.982409	1.000000	.972670	1.944721
35	.431800	.533777	.977433	1.000000	.965292	1.927520
36	.444500	.532217	.976521	1.000000	.963957	1.924389
37	.457200	.532217	.976521	1.000000	.963957	1.924389
38	.469900	.532663	.976782	1.000000	.964338	1.925284
39	.482600	.532663	.976782	1.000000	.964338	1.925284
40	.495300	.533405	.977216	1.000000	.964974	1.926775
41	.508000	.534297	.977736	1.000000	.965738	1.928563
42	.520700	.534297	.977736	1.000000	.965738	1.928563
43	.533400	.534742	.977996	1.000000	.966119	1.929456

ID NO. 12315-029

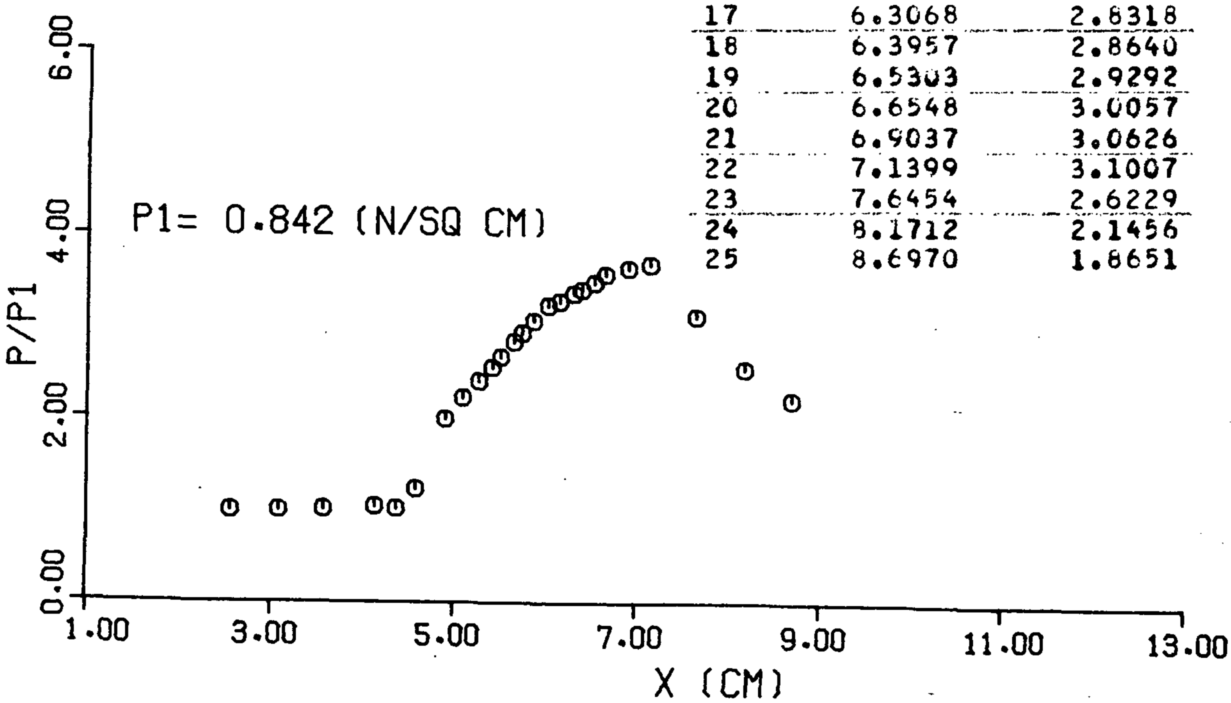
STATION X= 5.89 CM PTO= 23.908 N/SQ CM TTO=300.17K
R= 2.588 CM PWALL= 2.6881 N/SQ CM CF= .00121 PT =2.373
UE= 521.6 M/SEC RHOE=.01767 KG/CUB M RE= 26.498E6 /M
DELTA= .381 CM DELTA*= .0993 CM THETA= .0224 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.112436	.000000	1.000000	.548491	.00000
2	.012700	.141601	.375817	1.000000	.585851	.58358
3	.025400	.144572	.391795	1.000000	.589337	.61020
4	.038100	.152669	.430517	1.000000	.598583	.67575
5	.050800	.165221	.480259	1.000000	.612250	.76238
6	.063500	.178739	.524151	1.000000	.626163	.84146
7	.076200	.193594	.564347	1.000000	.640610	.91638
8	.088900	.217808	.619701	1.000000	.663545	1.02412
9	.101600	.244770	.663326	1.000000	.684471	1.11336
10	.114300	.276040	.709469	1.000000	.709805	1.21265
11	.127000	.318452	.762229	1.000000	.743539	1.33343
12	.139700	.353287	.798996	1.000000	.770613	1.42297
13	.152400	.405874	.847185	1.000000	.811447	1.54825
14	.165100	.455490	.885892	1.000000	.849513	1.65653
15	.177800	.500650	.917124	1.000000	.884337	1.74972
16	.190500	.547815	.945964	1.000000	.920336	1.84111
17	.203200	.594386	.971517	1.000000	.955816	1.92695
18	.215900	.624096	.986515	1.000000	.978425	1.97970
19	.228600	.649573	.998659	1.000000	.997798	2.02382
20	.241300	.666433	1.006359	1.000000	1.010613	2.05248
21	.254000	.677129	1.011112	1.000000	1.018741	2.07045
22	.266700	.682328	1.013337	1.000000	1.022691	2.07912
23	.279400	.684185	1.014194	1.000000	1.024101	2.08221
24	.292100	.685522	1.014773	1.000000	1.025117	2.08444
25	.304800	.684631	1.014387	1.000000	1.024440	2.08295
26	.317500	.685151	1.014612	1.000000	1.024835	2.08382
27	.330200	.684259	1.014226	1.000000	1.024158	2.08234
28	.342900	.683145	1.013742	1.000000	1.023311	2.08048
29	.355600	.681808	1.013160	1.000000	1.022296	2.07826
30	.368300	.675420	1.010359	1.000000	1.017443	2.06759
31	.381000	.652469	1.000000	1.000000	1.000000	2.02877
32	.393700	.625879	.987386	1.000000	.979781	1.98282
33	.406400	.599511	.974172	1.000000	.959718	1.93616
34	.419100	.590598	.969535	1.000000	.952933	1.92012
35	.431800	.586067	.967144	1.000000	.949483	1.91191
36	.444500	.579159	.963451	1.000000	.944222	1.89933
37	.457200	.570989	.959011	1.000000	.937999	1.88433
38	.469900	.558065	.951820	1.000000	.928150	1.86036
39	.482600	.547963	.946050	1.000000	.920450	1.84139
40	.495300	.543136	.943245	1.000000	.916768	1.83226
41	.508000	.538530	.940540	1.000000	.913256	1.82350
42	.520700	.538011	.940232	1.000000	.912859	1.82251
43	.533400	.534891	.938381	1.000000	.910480	1.81655

ID NO. 12315-030

PTO=	23.9095 N/SQ CM
TTO=	300.1667 K
PBAR=	765.3000 MMHG
TMAN=	298.8889 K

I	X(CM)	P(N/SQ CM)
1	2.5654	.8417
2	3.0886	.8448
3	3.5763	.8524
4	4.1351	.8788
5	4.3713	.8575
6	4.5822	1.0386
7	4.9073	1.6781
8	5.1003	1.8719
9	5.2705	2.0218
10	5.4153	2.1483
11	5.5067	2.2467
12	5.6566	2.3853
13	5.7429	2.4662
14	5.8674	2.5780
15	6.0300	2.7190
16	6.1544	2.7567
17	6.3068	2.8318
18	6.3957	2.8640
19	6.5303	2.9292
20	6.6548	3.0057
21	6.9037	3.0626
22	7.1399	3.1007
23	7.6454	2.6229
24	8.1712	2.1456
25	8.6970	1.8651



ID NO. 12315 -030

ID NO. 12315-031

STATION X= 5.11 CM PTO= 23.908 N/SQ CM TTO=300.17K
R= 2.588 CM PWALL= 1.8719 N/SQ CM CF= .00084 PI =3.750
UE= 539.9 M/SEC RHOE=.01307 KG/CUB M RE= 21.432E6 /M
DELTA= .381 CM DELTA*= .1171 CM THETA= .0203 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.078297	.000000	1.000000	.516333	.000000
2	.012700	.078616	.048975	1.000000	.516933	.076205
3	.025400	.082181	.168531	1.000000	.523525	.263902
4	.038100	.090351	.287893	1.000000	.537896	.456955
5	.050800	.099487	.369807	1.000000	.552905	.595106
6	.063500	.111817	.447376	1.000000	.571673	.732049
7	.076200	.125558	.510855	1.000000	.590921	.849876
8	.088900	.146504	.582132	1.000000	.617552	.990038
9	.101600	.169529	.638556	1.000000	.643179	1.108302
10	.114300	.188766	.678966	1.000000	.664494	1.197806
11	.127000	.216397	.727953	1.000000	.694278	1.312694
12	.139700	.241057	.765071	1.000000	.720237	1.405183
13	.152400	.264899	.797099	1.000000	.745398	1.489361
14	.165100	.299437	.837380	1.000000	.781316	1.601877
15	.177800	.326325	.865243	1.000000	.809420	1.684683
16	.190500	.359229	.895445	1.000000	.843426	1.779738
17	.203200	.396367	.925628	1.000000	.881715	1.881022
18	.215900	.434842	.953320	1.000000	.921308	1.980315
19	.228600	.484755	.985028	1.000000	.972914	2.102709
20	.241300	.527389	1.008730	1.000000	1.016702	2.201229
21	.254000	.569429	1.029698	1.000000	1.059845	2.294164
22	.266700	.598471	1.042984	1.000000	1.089632	2.356193
23	.279400	.601293	1.044227	1.000000	1.092527	2.362133
24	.292100	.581313	1.035245	1.000000	1.072035	2.319750
25	.304800	.551380	1.020963	1.000000	1.041326	2.254741
26	.317500	.525087	1.007517	1.000000	1.014338	2.196023
27	.330200	.512757	1.000894	1.000000	1.001678	2.167931
28	.342900	.507409	.997954	1.000000	.996186	2.155630
29	.355600	.506295	.997337	1.000000	.995042	2.153058
30	.368300	.508449	.998529	1.000000	.997254	2.158028
31	.381000	.511123	1.000000	1.000000	1.000000	2.164180
32	.393700	.513648	1.001380	1.000000	1.002593	2.169974
33	.406400	.515282	1.002268	1.000000	1.004271	2.173715
34	.419100	.517139	1.003272	1.000000	1.006178	2.177958
35	.431800	.518625	1.004072	1.000000	1.007703	2.181346
36	.444500	.520333	1.004988	1.000000	1.009457	2.185236
37	.457200	.521744	1.005742	1.000000	1.010906	2.188444
38	.469900	.523750	1.006809	1.000000	1.012965	2.192995
39	.482600	.525606	1.007791	1.000000	1.014872	2.197200
40	.495300	.526943	1.008496	1.000000	1.016244	2.200222
41	.508000	.526869	1.008457	1.000000	1.016168	2.200054
42	.520700	.527909	1.009003	1.000000	1.017235	2.202402
43	.533400	.530509	1.010363	1.000000	1.019904	2.208262

ID NO. 12315-032

STATION X= 5.89 CM PTO= 23.908 N/SQ CM TTO=300.17K
R= 2.588 CM PWALL= 2.5780 N/SQ CM CF= .00143 PI =1.928
UE= 509.3 M/SEC RHOE=.01632 KG/CUB M RE= 23.100E6 /M
DELTA= .381 CM DELTA*= .0841 CM THETA= .0187 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.107832	.000000	1.000000	.569569	.000000
2	.012700	.129940	.347214	1.000000	.600743	.523124
3	.025400	.135659	.384056	1.000000	.608182	.582203
4	.038100	.144647	.432450	1.000000	.619431	.661600
5	.050800	.158016	.490199	1.000000	.635276	.759481
6	.063500	.173911	.544575	1.000000	.652914	.855360
7	.076200	.193594	.598086	1.000000	.673225	.953909
8	.088900	.223008	.658164	1.000000	.700107	1.070482
9	.101600	.252272	.707860	1.000000	.726190	1.172561
10	.114300	.288147	.758829	1.000000	.757256	1.283597
11	.127000	.327662	.806276	1.000000	.790865	1.393792
12	.139700	.373639	.853365	1.000000	.829615	1.510901
13	.152400	.411445	.886867	1.000000	.861089	1.599726
14	.165100	.461284	.925948	1.000000	.902707	1.710107
15	.177800	.501467	.953650	1.000000	.935952	1.793408
16	.190500	.549300	.983203	1.000000	.975444	1.887590
17	.203200	.584581	1.002979	1.000000	1.004529	1.954052
18	.215900	.618302	1.020492	1.000000	1.032301	2.015469
19	.228600	.642962	1.032531	1.000000	1.052595	2.059192
20	.241300	.651207	1.036421	1.000000	1.059378	2.073600
21	.254000	.657817	1.039494	1.000000	1.064816	2.085078
22	.266700	.656257	1.038773	1.000000	1.063533	2.082376
23	.279400	.650538	1.036108	1.000000	1.058828	2.072436
24	.292100	.637391	1.029865	1.000000	1.048012	2.049398
25	.304800	.617040	1.019859	1.000000	1.031261	2.013204
26	.317500	.598397	1.010308	1.000000	1.015910	1.979451
27	.330200	.588964	1.005328	1.000000	1.008140	1.962145
28	.342900	.584953	1.003179	1.000000	1.004835	1.954739
29	.355600	.582427	1.001816	1.000000	1.002754	1.950061
30	.368300	.581685	1.001413	1.000000	1.002142	1.948683
31	.381000	.579085	1.000000	1.000000	1.000000	1.943852
32	.393700	.578045	.999432	1.000000	.999143	1.941916
33	.406400	.579605	1.000283	1.000000	1.000428	1.944819
34	.419100	.580942	1.001010	1.000000	1.001530	1.947304
35	.431800	.584358	1.002859	1.000000	1.004345	1.953639
36	.444500	.588147	1.004891	1.000000	1.007466	1.960639
37	.457200	.592380	1.007144	1.000000	1.010954	1.968431
38	.469900	.597208	1.009686	1.000000	1.014931	1.977279
39	.482600	.603076	1.012742	1.000000	1.019764	1.987978
40	.495300	.610726	1.016667	1.000000	1.026063	2.001839
41	.508000	.616891	1.019784	1.000000	1.031139	2.012937
42	.520700	.622982	1.022825	1.000000	1.036153	2.023840
43	.533400	.628033	1.025316	1.000000	1.040310	2.032836

ID NO. 12315-033

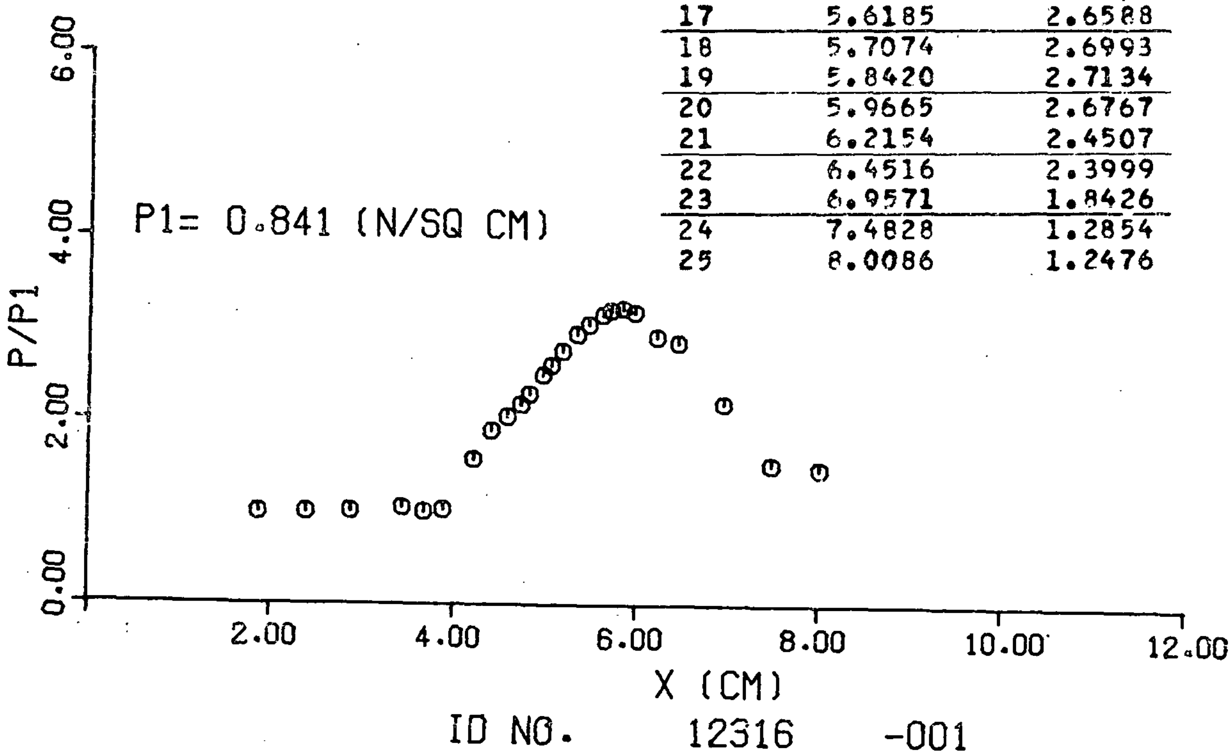
STATION X= 6.15 CM PTO= 23.908 N/SQ CM TTO=300.17K
R= 2.588 CM PWALL= 2.7567 N/SQ CM CF= .00135 PI =1.988
UE= 519.3 M/SEC RHOE=.01799 KG/CUB M RE= 26.676E6 /M
DELTA= .381 CM DELTA*= .0956 CM THETA= .0229 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.115305	.000000	1.000000	.552541	.000000
2	.012700	.152000	.411875	1.000000	.597928	.640868
3	.025400	.156159	.430708	1.000000	.602558	.672762
4	.038100	.166187	.470772	1.000000	.613368	.741909
5	.050800	.177179	.508069	1.000000	.624696	.808047
6	.063500	.193223	.553614	1.000000	.640361	.891454
7	.076200	.214837	.603352	1.000000	.660058	.986373
8	.088900	.240759	.649280	1.000000	.681000	1.078165
9	.101600	.272029	.697408	1.000000	.706244	1.179352
10	.114300	.310950	.747583	1.000000	.736796	1.291255
11	.127000	.345488	.785806	1.000000	.763497	1.381650
12	.139700	.392876	.831170	1.000000	.799769	1.495723
13	.152400	.436550	.867201	1.000000	.832775	1.592439
14	.165100	.501467	.913575	1.000000	.881890	1.726356
15	.177800	.536599	.935555	1.000000	.908254	1.794123
16	.190500	.572771	.956377	1.000000	.935355	1.861214
17	.203200	.611172	.976730	1.000000	.964087	1.929797
18	.215900	.644670	.993189	1.000000	.989125	1.987634
19	.228600	.657817	.999348	1.000000	.998946	2.009866

ID NO. 12316-001

PTO= 23.8143 N/SQ CM
TTO= 297.0000 K
PBAR= 761.7000 MMHG
TMAN= 299.4444 K

I	X(CM)	P(N/SQ CM)
1	1.8771	.8409
2	2.4003	.8450
3	2.8880	.8512
4	3.4468	.8848
5	3.6830	.8474
6	3.8938	.8653
7	4.2189	1.3289
8	4.4120	1.5899
9	4.5822	1.7202
10	4.7269	1.8299
11	4.8184	1.9318
12	4.9682	2.1016
13	5.0546	2.1907
14	5.1791	2.3224
15	5.3416	2.4740
16	5.4661	2.5680
17	5.6185	2.6588
18	5.7074	2.6993
19	5.8420	2.7134
20	5.9665	2.6767
21	6.2154	2.4507
22	6.4516	2.3999
23	6.9571	1.8426
24	7.4828	1.2854
25	8.0086	1.2476



ID NO. 12316-002

STATION X= 3.68 CM PTO= 23.815 N/SQ CM TTO=296.28K
R= 2.588 CM PWALL= .8474 N/SQ CM CF= .00198 PI = .544
UE= 603.7 M/SEC RHOE=.00799 KG/CUB M RE= 19.520E6 /M
DELTA= .387 CM DELTA*= .1030 CM THETA= .0202 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.035584	.000000	1.000000	.387241	.000000
2	.012700	.110051	.681085	1.000000	.541024	1.409124
3	.025400	.123174	.714924	1.000000	.563826	1.509984
4	.038100	.137043	.745979	1.000000	.587611	1.608463
5	.050800	.147781	.767713	1.000000	.606153	1.681240
6	.063500	.158294	.786990	1.000000	.624093	1.748774
7	.076200	.167764	.803036	1.000000	.640224	1.807343
8	.088900	.179024	.820693	1.000000	.659376	1.874507
9	.101600	.189388	.835743	1.000000	.676985	1.934202
10	.114300	.199082	.848891	1.000000	.693438	1.988361
11	.127000	.208999	.861509	1.000000	.710258	2.042245
12	.139700	.222495	.877637	1.000000	.733376	2.114062
13	.152400	.232263	.888410	1.000000	.749934	2.164035
14	.165100	.243299	.899872	1.000000	.768631	2.219113
15	.177800	.254857	.911146	1.000000	.788204	2.275344
16	.190500	.267011	.922271	1.000000	.808779	2.332992
17	.203200	.279985	.933400	1.000000	.830735	2.392977
18	.215900	.291021	.942314	1.000000	.849404	2.442825
19	.228600	.302653	.951209	1.000000	.869078	2.494277
20	.241300	.313316	.958946	1.000000	.887108	2.540515
21	.254000	.323755	.966164	1.000000	.904756	2.584975
22	.266700	.335462	.973870	1.000000	.924545	2.633932
23	.279400	.343291	.978810	1.000000	.937777	2.666168
24	.292100	.352239	.984366	1.000000	.953206	2.703269
25	.304800	.359770	.988795	1.000000	.965939	2.733510
26	.317500	.365064	.991828	1.000000	.974889	2.754567
27	.330200	.369911	.994548	1.000000	.983083	2.773705
28	.342900	.373788	.996686	1.000000	.989638	2.788919
29	.355600	.376622	.998228	1.000000	.994427	2.799985
30	.368300	.378113	.999032	1.000000	.996948	2.805791
31	.381000	.379604	.999832	1.000000	.999469	2.811585
32	.393700	.380201	1.000151	1.000000	1.000477	2.813900
33	.406400	.380797	1.000469	1.000000	1.001486	2.816212
34	.419100	.381096	1.000627	1.000000	1.001990	2.817368
35	.431800	.381096	1.000627	1.000000	1.001990	2.817368
36	.444500	.381096	1.000627	1.000000	1.001990	2.817368
37	.457200	.381096	1.000627	1.000000	1.001990	2.817368
38	.469900	.381319	1.000746	1.000000	1.002368	2.818234
39	.482600	.381319	1.000746	1.000000	1.002368	2.818234
40	.495300	.381319	1.000746	1.000000	1.002368	2.818234
41	.508000	.381096	1.000627	1.000000	1.001990	2.817368
42	.520700	.381096	1.000627	1.000000	1.001990	2.817368
43	.533400	.381096	1.000627	1.000000	1.001990	2.817368

ID NO. 12316-003

STATION X= 3.89 CM PTO= 23.815 N/SQ CM TTO=296.28K
R= 2.588 CM PWALL= .8653 N/SQ CM CF= .00197 PI[illegible]= .570
UE= 601.1 M/SEC RHOE=.00805 KG/CUB M RE= 19.319E6 /M
DELTA= .389 CM DELTA*= .1041 CM THETA= .0207 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.036333	.000000	1.000000	.392505	.000000
2	.012700	.107068	.669322	1.000000	.539269	1.367324
3	.025400	.122354	.709857	1.000000	.565663	1.485194
4	.038100	.136372	.741749	1.000000	.589559	1.584360
5	.050800	.147930	.765171	1.000000	.609178	1.661362
6	.063500	.157549	.783234	1.000000	.625677	1.723455
7	.076200	.167913	.801005	1.000000	.643214	1.787090
8	.088900	.177532	.816311	1.000000	.659465	1.844101
9	.101600	.187971	.831777	1.000000	.677080	1.903971
10	.114300	.197740	.845287	1.000000	.693547	1.958283
11	.127000	.208253	.858897	1.000000	.711256	2.015058
12	.139700	.219736	.872775	1.000000	.730583	2.075249
13	.152400	.231294	.885973	1.000000	.750275	2.134833
14	.165100	.242852	.898165	1.000000	.769719	2.192076
15	.177800	.255006	.910171	1.000000	.790156	2.250676
16	.190500	.266116	.920484	1.000000	.808830	2.302917
17	.203200	.278419	.931235	1.000000	.829502	2.359398
18	.215900	.288262	.939372	1.000000	.846035	2.403615
19	.228600	.301013	.949352	1.000000	.867446	2.459699
20	.241300	.309960	.956007	1.000000	.882469	2.498297
21	.254000	.321220	.964002	1.000000	.901368	2.546025
22	.266700	.330988	.970621	1.000000	.917762	2.586711
23	.279400	.341874	.977673	1.000000	.936029	2.631307
24	.292100	.349629	.982500	1.000000	.949040	2.662615
25	.304800	.357682	.987460	1.000000	.962860	2.695471
26	.317500	.362902	.990519	1.000000	.971621	2.716094
27	.330200	.368345	.993641	1.000000	.980757	2.737434
28	.342900	.372595	.996032	1.000000	.987890	2.753981
29	.355600	.375802	.997809	1.000000	.993271	2.766398
30	.368300	.377666	.998832	1.000000	.996399	2.773591
31	.381000	.378859	.999483	1.000000	.998401	2.778185
32	.393700	.380276	1.000251	1.000000	1.000779	2.783631
33	.406400	.380797	1.000534	1.000000	1.001655	2.785634
34	.419100	.380797	1.000534	1.000000	1.001655	2.785634
35	.431800	.380797	1.000534	1.000000	1.001655	2.785634
36	.444500	.380797	1.000534	1.000000	1.001655	2.785634
37	.457200	.380797	1.000534	1.000000	1.001655	2.785634
38	.469900	.380797	1.000534	1.000000	1.001655	2.785634
39	.482600	.380499	1.000372	1.000000	1.001154	2.784489
40	.495300	.380350	1.000292	1.000000	1.000904	2.783917
41	.508000	.380350	1.000292	1.000000	1.000904	2.783917
42	.520700	.380350	1.000292	1.000000	1.000904	2.783917
43	.533400	.380350	1.000292	1.000000	1.000904	2.783917

ID NO. 12316-004

STATION X= 4.22 CM PTO= 23.815 N/SQ CM TTO=296.28K
R= 2.588 CM PWALL= 1.3289 N/SQ CM CF= .00194 PT =1.029
UE= 540.5 M/SEC RHOE=.00954 KG/CUB M RE= 16.062E6 /M
DELTA= .365 CM DELTA*= .1013 CM THETA= .0265 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.055802	.000000	1.000000	.508866	.000000
2	.012700	.100357	.560669	1.000000	.601772	.955445
3	.025400	.117582	.623272	1.000000	.628843	1.085754
4	.038100	.133837	.671933	1.000000	.653854	1.193576
5	.050800	.146588	.704431	1.000000	.672847	1.269345
6	.063500	.159338	.733629	1.000000	.691708	1.340358
7	.076200	.168883	.753449	1.000000	.705591	1.390316
8	.088900	.179769	.774744	1.000000	.721583	1.445722
9	.101600	.188344	.790232	1.000000	.733973	1.487229
10	.114300	.198933	.808212	1.000000	.749227	1.536794
11	.127000	.208104	.822870	1.000000	.762408	1.578368
12	.139700	.219736	.840364	1.000000	.779089	1.629463
13	.152400	.229653	.854406	1.000000	.793284	1.671715
14	.165100	.241435	.870394	1.000000	.810395	1.721265
15	.177800	.251874	.883568	1.000000	.825310	1.763322
16	.190500	.263432	.897379	1.000000	.841804	1.808693
17	.203200	.273274	.908555	1.000000	.855837	1.846418
18	.215900	.285056	.921280	1.000000	.872620	1.890547
19	.228600	.296315	.932830	1.000000	.888648	1.931748
20	.241300	.306754	.943045	1.000000	.903498	1.969154
21	.254000	.316671	.952343	1.000000	.917599	2.004025
22	.266700	.325843	.960610	1.000000	.930633	2.035728
23	.279400	.336357	.969720	1.000000	.945569	2.071459
24	.292100	.345677	.977671	1.000000	.959122	2.103358
25	.304800	.353432	.983925	1.000000	.970140	2.128936
26	.317500	.359323	.988555	1.000000	.978507	2.148158
27	.330200	.365586	.993368	1.000000	.987402	2.168406
28	.342900	.369464	.996293	1.000000	.992908	2.180844
29	.355600	.372894	.998845	1.000000	.997777	2.191787
30	.368300	.374907	1.000329	1.000000	1.000636	2.198185
31	.381000	.376771	1.001693	1.000000	1.003282	2.204091
32	.393700	.378337	1.002832	1.000000	1.005505	2.209041
33	.406400	.379008	1.003318	1.000000	1.006458	2.211158
34	.419100	.380350	1.004287	1.000000	1.008363	2.215387
35	.431800	.391535	1.012185	1.000000	1.024237	2.250315
36	.444500	.486307	1.068569	1.000000	1.158611	2.526707
37	.457200	.514344	1.082350	1.000000	1.198330	2.602790
38	.469900	.515537	1.082912	1.000000	1.200020	2.605978
39	.482600	.516134	1.083192	1.000000	1.200865	2.607571
40	.495300	.517625	1.083892	1.000000	1.202977	2.611547
41	.508000	.518445	1.084275	1.000000	1.204139	2.613732
42	.520700	.521651	1.085765	1.000000	1.208681	2.622254
43	.533400	.523068	1.086419	1.000000	1.210687	2.626011

ID NO. 12316-005

STATION X= 4.42 CM PTO= 23.815 N/SQ CM TTO=296.28K
R= 2.588 CM PWALL= 1.5899 N/SQ CM CF= .00107 PI/ =2.548
UE= 561.2 M/SEC RHOE=.01235 KG/CUB M RE= 23.220E6 /M
DELTA= .414 CM DELTA*= .1586 CM THETA= .0343 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.066760	.000000	1.000000	.470460	.000000
2	.012700	.079255	.300559	1.000000	.494095	.501197
3	.025400	.087905	.377849	1.000000	.508936	.639475
4	.038100	.100954	.458754	1.000000	.529466	.791903
5	.050800	.116314	.526309	1.000000	.551331	.927087
6	.063500	.133539	.583826	1.000000	.574078	1.049403
7	.076200	.152404	.629696	1.000000	.595497	1.152775
8	.088900	.170747	.669371	1.000000	.616806	1.247138
9	.101600	.188866	.703451	1.000000	.637513	1.332452
10	.114300	.204823	.730051	1.000000	.655447	1.402153
11	.127000	.217648	.749945	1.000000	.670001	1.456265
12	.139700	.231219	.769227	1.000000	.685136	1.510485
13	.152400	.241137	.782467	1.000000	.696166	1.548803
14	.165100	.253291	.797817	1.000000	.709655	1.594411
15	.177800	.262835	.809253	1.000000	.720228	1.629269
16	.190500	.272081	.819857	1.000000	.730457	1.662298
17	.203200	.279165	.827922	1.000000	.738527	1.687898
18	.215900	.288486	.837858	1.000000	.748830	1.720027
19	.228600	.298552	.848150	1.000000	.759945	1.754032
20	.241300	.307425	.856871	1.000000	.769735	1.783445
21	.254000	.314733	.863820	1.000000	.777792	1.807292
22	.266700	.323457	.871854	1.000000	.787406	1.835340
23	.279400	.333598	.880857	1.000000	.798573	1.867394
24	.292100	.342545	.888516	1.000000	.808421	1.895211
25	.304800	.349182	.894034	1.000000	.815722	1.915572
26	.317500	.357086	.900433	1.000000	.824414	1.939535
27	.330200	.389969	.925216	1.000000	.860544	2.036118
28	.342900	.486904	.984817	1.000000	.967193	2.297660
29	.355600	.501817	.992538	1.000000	.983540	2.335159
30	.368300	.507633	.995464	1.000000	.989914	2.349620
31	.381000	.511138	.997204	1.000000	.993755	2.358290
32	.393700	.515239	.999220	1.000000	.998249	2.368394
33	.406400	.516730	.999948	1.000000	.999883	2.372058
34	.419100	.517028	1.000093	1.000000	1.000209	2.372790
35	.431800	.518520	1.000817	1.000000	1.001844	2.376447
36	.444500	.521204	1.002113	1.000000	1.004785	2.383015
37	.457200	.522323	1.002650	1.000000	1.006010	2.385746
38	.469900	.523217	1.003079	1.000000	1.006991	2.387929
39	.482600	.525976	1.004394	1.000000	1.010013	2.394646
40	.495300	.529704	1.006157	1.000000	1.014098	2.403693
41	.508000	.530898	1.006717	1.000000	1.015405	2.406581
42	.520700	.531792	1.007136	1.000000	1.016385	2.408744
43	.533400	.534104	1.008214	1.000000	1.018918	2.414325

ID NO. 12316-006

STATION X= 4.72 CM PTO= 23.815 N/SQ CM TTO=296.28K
R= 2.588 CM PWALL= 1.8299 N/SQ CM CF= .00038 PI =7.595
UE= 547.4 M/SEC RHOE=.01347 KG/CUB M RE= 23.504E6 /M
DELTA= .381 CM DELTA*= .1466 CM THETA= .0201 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.076840	.000000	1.000000	.496293	.000000
2	.012700	.069338	.000000	1.000000	.496293	.000000
3	.025400	.072544	.000000	1.000000	.496293	.000000
4	.038100	.077316	.059165	1.000000	.497169	.093977
5	.050800	.081940	.190032	1.000000	.505487	.304360
6	.063500	.089993	.296018	1.000000	.519210	.480502
7	.076200	.100879	.385413	1.000000	.536429	.635898
8	.088900	.110945	.444731	1.000000	.551207	.743807
9	.101600	.126902	.514893	1.000000	.572782	.877843
10	.114300	.144649	.572937	1.000000	.594608	.995239
11	.127000	.161352	.614253	1.000000	.612747	1.083161
12	.139700	.182304	.659653	1.000000	.635608	1.184718
13	.152400	.202959	.697465	1.000000	.657369	1.273890
14	.165100	.227715	.736938	1.000000	.683178	1.372155
15	.177800	.256795	.777065	1.000000	.713221	1.478341
16	.190500	.287442	.813511	1.000000	.744462	1.581212
17	.203200	.325395	.852810	1.000000	.783214	1.700191
18	.215900	.362007	.885487	1.000000	.820252	1.806596
19	.228600	.401899	.916669	1.000000	.860508	1.915559
20	.241300	.444253	.945709	1.000000	.903169	2.024638
21	.254000	.490110	.973511	1.000000	.949615	2.137076
22	.266700	.536639	.998220	1.000000	.996403	2.244651
23	.279400	.575935	1.016924	1.000000	1.035888	2.331579
24	.292100	.609415	1.031522	1.000000	1.069512	2.403126
25	.304800	.628727	1.039443	1.000000	1.088902	2.443432
26	.317500	.628876	1.039503	1.000000	1.089052	2.443741
27	.330200	.616200	1.034345	1.000000	1.076325	2.417365
28	.342900	.594502	1.025161	1.000000	1.054536	2.371526
29	.355600	.570715	1.014542	1.000000	1.030644	2.320223
30	.368300	.550956	1.005245	1.000000	1.010791	2.276712
31	.381000	.540218	1.000000	1.000000	1.000000	2.252710
32	.393700	.537608	.998704	1.000000	.997377	2.246837
33	.406400	.535446	.997623	1.000000	.995203	2.241959
34	.419100	.535819	.997810	1.000000	.995578	2.242800
35	.431800	.535819	.997810	1.000000	.995578	2.242800
36	.444500	.535893	.997847	1.000000	.995653	2.242969
37	.457200	.536043	.997922	1.000000	.995803	2.243305
38	.469900	.536937	.998369	1.000000	.996702	2.245324
39	.482600	.537758	.998778	1.000000	.997527	2.247173
40	.495300	.537981	.998889	1.000000	.997752	2.247677
41	.508000	.539398	.999593	1.000000	.999176	2.250866
42	.520700	.539771	.999778	1.000000	.999550	2.251704
43	.533400	.541859	1.000811	1.000000	1.001649	2.256394

ID NO. 12316-007

STATION X= 4.98 CM PTO= 23.815 N/SQ CM TTO=296.28K
R= 2.588 CM PWALL= 2.1016 N/SQ CM CF= .00039 PI =7.091
UE= 559.3 M/SEC RHOE=.01619 KG/CUB M RE= 30.133E6 /M
DELTA= .381 CM DELTA*= .1721 CM THETA= .0292 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.088245	.000000	1.000000	.474097	.000000
2	.012700	.092230	.154404	1.000000	.480116	.251963
3	.025400	.093348	.174058	1.000000	.481773	.284525
4	.038100	.095734	.209145	1.000000	.485259	.343115
5	.050800	.099910	.257419	1.000000	.491215	.424895
6	.063500	.105502	.307574	1.000000	.498918	.511646
7	.076200	.113555	.363566	1.000000	.509515	.611176
8	.088900	.123594	.419625	1.000000	.522480	.714333
9	.101600	.140772	.487364	1.000000	.541772	.844824
10	.114300	.163812	.555023	1.000000	.565751	.983169
11	.127000	.186704	.604064	1.000000	.586679	1.089652
12	.139700	.212131	.650123	1.000000	.609597	1.195423
13	.152400	.240913	.693998	1.000000	.634916	1.302329
14	.165100	.269993	.731670	1.000000	.659876	1.399752
15	.177800	.295569	.761205	1.000000	.681884	1.480341
16	.190500	.330690	.796712	1.000000	.711661	1.582860
17	.203200	.357533	.820881	1.000000	.734325	1.656645
18	.215900	.386166	.844557	1.000000	.758694	1.732475
19	.228600	.413159	.864757	1.000000	.781400	1.800260
20	.241300	.441494	.884252	1.000000	.805197	1.868665
21	.254000	.467741	.900943	1.000000	.827213	1.929793
22	.266700	.498760	.919183	1.000000	.853205	1.999554
23	.279400	.527617	.934874	1.000000	.877362	2.062279
24	.292100	.558039	.950416	1.000000	.903116	2.127110
25	.304800	.583392	.962392	1.000000	.924328	2.179062
26	.317500	.605761	.972392	1.000000	.943037	2.223876
27	.330200	.626789	.981347	1.000000	.960618	2.265178
28	.342900	.640285	.986881	1.000000	.971899	2.291290
29	.355600	.651246	.991260	1.000000	.981059	2.312276
30	.368300	.661611	.995307	1.000000	.989720	2.331944
31	.381000	.673914	1.000000	1.000000	1.000000	2.355074
32	.393700	.680699	1.002538	1.000000	1.005669	2.367733
33	.406400	.684129	1.003807	1.000000	1.008534	2.374106
34	.419100	.683607	1.003614	1.000000	1.008098	2.373137
35	.431800	.674138	1.000084	1.000000	1.000187	2.355493
36	.444500	.649009	.990374	1.000000	.979190	2.308009
37	.457200	.612994	.975519	1.000000	.949085	2.238170
38	.469900	.577650	.959741	1.000000	.919525	2.167407
39	.482600	.559307	.951032	1.000000	.904176	2.129738
40	.495300	.551105	.947013	1.000000	.897312	2.112672
41	.508000	.547227	.945085	1.000000	.894066	2.104556
42	.520700	.545811	.944376	1.000000	.892880	2.101582
43	.533400	.546929	.944936	1.000000	.893816	2.103930

ID NO. 12316-008

STATION X= 5.18 CM PTO= 23.815 N/SQ CM TTO=296.28K
R= 2.588 CM PWALL= 2.3224 N/SQ CM CF= .00030 PI[illegible]=9.492
UE= 519.6 M/SEC RHOE=.01554 KG/CUB M RE= 23.579E6 /M
DELTA= .273 CM DELTA*= .1367 CM THETA= .0271 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.097519	.000000	1.000000	.546041	.000000
2	.012700	.104906	.213255	1.000000	.557552	.324656
3	.025400	.105577	.222272	1.000000	.558568	.338691
4	.038100	.109007	.262652	1.000000	.563694	.402054
5	.050800	.112660	.298315	1.000000	.569029	.458800
6	.063500	.119819	.354783	1.000000	.579133	.550469
7	.076200	.128543	.408855	1.000000	.590880	.640766
8	.088900	.142487	.475593	1.000000	.608524	.756406
9	.101600	.160755	.541439	1.000000	.629864	.876101
10	.114300	.178949	.592259	1.000000	.649458	.973124
11	.127000	.202661	.642949	1.000000	.672182	1.074733
12	.139700	.232263	.696303	1.000000	.700139	1.187875
13	.152400	.258585	.736104	1.000000	.724170	1.277146
14	.165100	.291319	.779099	1.000000	.753732	1.379056
15	.177800	.332927	.825871	1.000000	.790938	1.497490
16	.190500	.367674	.859569	1.000000	.821623	1.588540
17	.203200	.397351	.885408	1.000000	.847732	1.662086
18	.215900	.433888	.914393	1.000000	.880090	1.748950
19	.228600	.457898	.931683	1.000000	.901134	1.803199
20	.241300	.499580	.959145	1.000000	.937609	1.893547
21	.254000	.525529	.974810	1.000000	.960285	1.947605
22	.266700	.556995	.992519	1.000000	.987759	2.011153
23	.279400	.583466	1.006437	1.000000	1.010853	2.063057
24	.292100	.594054	1.011774	1.000000	1.020087	2.083448
25	.304800	.596440	1.012959	1.000000	1.022167	2.088015
26	.317500	.594576	1.012033	1.000000	1.020542	2.084448
27	.330200	.593458	1.011476	1.000000	1.019567	2.082305
28	.342900	.594278	1.011885	1.000000	1.020282	2.083877
29	.355600	.598752	1.014101	1.000000	1.024183	2.092430
30	.368300	.605239	1.017467	1.000000	1.030180	2.105511
31	.381000	.611950	1.020704	1.000000	1.036035	2.118204
32	.393700	.619481	1.024281	1.000000	1.042604	2.132355
33	.406400	.629100	1.028766	1.000000	1.050993	2.150292
34	.419100	.636855	1.032316	1.000000	1.057755	2.164642
35	.431800	.645579	1.036241	1.000000	1.065361	2.180671
36	.444500	.655422	1.040585	1.000000	1.073942	2.198612
37	.457200	.661760	1.043335	1.000000	1.079466	2.210087
38	.469900	.669515	1.046653	1.000000	1.086225	2.224044
39	.482600	.674883	1.048919	1.000000	1.090904	2.233655
40	.495300	.679506	1.050851	1.000000	1.094932	2.241897
41	.508000	.677717	1.050105	1.000000	1.093373	2.238710
42	.520700	.666756	1.045479	1.000000	1.083821	2.219089
43	.533400	.638197	1.032925	1.000000	1.058925	2.167116

ID NO. 12316-009

STATION X= 5.46 CM PTO= 23.815 N/SQ CM TTO=296.28K
R= 2.588 CM PWALL= 2.5679 N/SQ CM CF= .00043 PI =7.167
UE= 522.8 M/SEC RHOE=.01736 KG/CUB M RE= 26.757E6 /M
DELTA= .278 CM DELTA*= .1311 CM THETA= .0274 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.107830	.000000	1.000000	.540413	.000000
2	.012700	.123100	.284250	1.000000	.561254	.439123
3	.025400	.125337	.302572	1.000000	.564150	.468633
4	.038100	.127574	.319466	1.000000	.567008	.496049
5	.050800	.134657	.365830	1.000000	.575831	.572444
6	.063500	.141890	.405130	1.000000	.584503	.638696
7	.076200	.152926	.454669	1.000000	.597147	.724506
8	.088900	.166720	.504698	1.000000	.612065	.814209
9	.101600	.184094	.555309	1.000000	.629648	.908635
10	.114300	.208999	.614426	1.000000	.653859	1.024513
11	.127000	.232562	.653626	1.000000	.672446	1.105259
12	.139700	.262388	.699940	1.000000	.697450	1.205379
13	.152400	.297732	.746435	1.000000	.726426	1.311879
14	.165100	.343067	.796572	1.000000	.762886	1.434700
15	.177800	.386390	.837225	1.000000	.797240	1.541496
16	.190500	.420914	.865834	1.000000	.824477	1.621176
17	.203200	.460732	.895714	1.000000	.856070	1.708952
18	.215900	.502190	.923369	1.000000	.888615	1.794890
19	.228600	.541113	.946844	1.000000	.919111	1.871839
20	.241300	.580707	.968621	1.000000	.950087	1.946890
21	.254000	.611577	.984315	1.000000	.974213	2.003397
22	.266700	.634021	.995093	1.000000	.991742	2.043473
23	.279400	.645504	1.000416	1.000000	1.000708	2.063669
24	.292100	.653185	1.003907	1.000000	1.006703	2.077064
25	.304800	.656391	1.005348	1.000000	1.009205	2.082631
26	.317500	.656540	1.005415	1.000000	1.009321	2.082889
27	.330200	.654900	1.004679	1.000000	1.008041	2.080044
28	.342900	.652961	1.003806	1.000000	1.006528	2.076676
29	.355600	.650500	1.002693	1.000000	1.004607	2.072393
30	.368300	.645877	1.000586	1.000000	1.000999	2.064321
31	.381000	.639390	.997597	1.000000	.995934	2.052941
32	.393700	.631635	.993971	1.000000	.989879	2.039251
33	.406400	.622240	.989498	1.000000	.982542	2.022538
34	.419100	.614336	.985667	1.000000	.976368	2.008367
35	.431800	.609489	.983286	1.000000	.972582	1.999627
36	.444500	.607700	.982400	1.000000	.971184	1.996389
37	.457200	.608818	.982954	1.000000	.972058	1.998413
38	.469900	.610682	.983874	1.000000	.973514	2.001782
39	.482600	.611876	.984461	1.000000	.974446	2.003934
40	.495300	.615007	.985995	1.000000	.976893	2.009574
41	.508000	.617393	.987157	1.000000	.978756	2.013860
42	.520700	.619034	.987952	1.000000	.980038	2.016802
43	.533400	.620301	.988565	1.000000	.981028	2.019071

ID NO. 12316-010

STATION X= 5.72 CM PTO= 23.815 N/SQ CM TTO=296.28K

P= 2.588 CM PWALL= 2.6993 N/SQ CM CF= .00106 PI =2.867

UE= 513.4 M/SEC RHOE=.01771 KG/CUB M RE= 26.085E6 /M

DELTA= .381 CM DELTA*= .1090 CM THETA= .0247 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.113345	.000000	1.000000	.556856	.000000
2	.012700	.137491	.348054	1.000000	.588446	.532580
3	.025400	.138236	.352759	1.000000	.589356	.540197
4	.038100	.147408	.403999	1.000000	.600273	.624368
5	.050800	.156057	.443896	1.000000	.610132	.691639
6	.063500	.167019	.486419	1.000000	.622081	.765278
7	.076200	.182976	.537201	1.000000	.638512	.856264
8	.088900	.199305	.579716	1.000000	.654299	.935383
9	.101600	.221675	.629727	1.000000	.675576	1.032465
10	.114300	.252620	.678869	1.000000	.699769	1.132790
11	.127000	.283490	.723419	1.000000	.724991	1.228689
12	.139700	.321294	.769693	1.000000	.755090	1.334145
13	.152400	.360739	.811338	1.000000	.786196	1.435005
14	.165100	.401154	.848354	1.000000	.817623	1.530169
15	.177800	.446937	.885156	1.000000	.853032	1.630754
16	.190500	.491229	.916866	1.000000	.887457	1.722922
17	.203200	.540889	.948194	1.000000	.925654	1.819732
18	.215900	.578694	.969712	1.000000	.954676	1.889978
19	.228600	.604941	.983626	1.000000	.974804	1.937200
20	.241300	.634245	.998271	1.000000	.997259	1.988559
21	.254000	.649084	1.005357	1.000000	1.008623	2.014051
22	.266700	.659374	1.010148	1.000000	1.016501	2.031537
23	.279400	.665488	1.012948	1.000000	1.021181	2.041854
24	.292100	.667128	1.013694	1.000000	1.022437	2.044613
25	.304800	.665041	1.012745	1.000000	1.020839	2.041101
26	.317500	.661461	1.011108	1.000000	1.018099	2.035066
27	.330200	.657211	1.009149	1.000000	1.014845	2.027875
28	.342900	.652514	1.006965	1.000000	1.011249	2.019897
29	.355600	.648040	1.004865	1.000000	1.007823	2.012269
30	.368300	.642820	1.002392	1.000000	1.003826	2.003331
31	.381000	.637824	1.000000	1.000000	1.000000	1.994738
32	.393700	.632381	.997366	1.000000	.995831	1.985332
33	.406400	.626490	.994482	1.000000	.991318	1.975101
34	.419100	.620749	.991637	1.000000	.986919	1.965077
35	.431800	.613740	.988118	1.000000	.981548	1.952767
36	.444500	.605015	.983664	1.000000	.974861	1.937333
37	.457200	.597708	.979870	1.000000	.969259	1.924307
38	.469900	.587045	.974225	1.000000	.961082	1.905135
39	.482600	.574444	.967383	1.000000	.951415	1.882216
40	.495300	.561917	.960389	1.000000	.941801	1.859144
41	.508000	.552521	.955013	1.000000	.934588	1.841642
42	.520700	.542679	.949255	1.000000	.927028	1.823121
43	.533400	.536714	.945701	1.000000	.922445	1.811800

ID NO. 12316-011

STATION X= 5.97 CM PTO= 23.815 N/SQ CM TTO=296.28K
R= 2.588 CM PWALL= 2.6845 N/SQ CM CF= .00156 PI =1.618
UE= 504.4 M/SEC RHOE=.01714 KG/CUB M RE= 24.203E6 /M
DELTA= .381 CM DELTA*= .0845 CM THETA= .0212 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.112726	.000000	1.000000	.572251	.000000
2	.012700	.150391	.429929	1.000000	.621380	.655181
3	.025400	.159264	.468845	1.000000	.631641	.720362
4	.038100	.171493	.513919	1.000000	.645134	.798006
5	.050800	.183125	.550122	1.000000	.657345	.862267
6	.063500	.199529	.593224	1.000000	.673657	.941292
7	.076200	.219065	.637851	1.000000	.692824	1.026401
8	.088900	.244939	.680772	1.000000	.713744	1.111884
9	.101600	.273349	.724194	1.000000	.737756	1.202535
10	.114300	.308320	.770207	1.000000	.766834	1.303901
11	.127000	.343888	.810229	1.000000	.795682	1.397217
12	.139700	.378561	.844970	1.000000	.823859	1.482703
13	.152400	.421286	.882468	1.000000	.858088	1.580343
14	.165100	.460433	.912960	1.000000	.889316	1.664433
15	.177800	.505247	.944437	1.000000	.925276	1.756285
16	.190500	.543425	.968423	1.000000	.955602	1.830164
17	.203200	.578247	.988518	1.000000	.983220	1.894945
18	.215900	.603450	1.002124	1.000000	1.003189	1.940437
19	.228600	.622166	1.011764	1.000000	1.018009	1.973521
20	.241300	.632381	1.016869	1.000000	1.026095	1.991340
21	.254000	.637750	1.019509	1.000000	1.030344	2.000640
22	.266700	.639390	1.020310	1.000000	1.031642	2.003472
23	.279400	.636631	1.018962	1.000000	1.029459	1.998706
24	.292100	.633052	1.017201	1.000000	1.026627	1.992505
25	.304800	.628802	1.015093	1.000000	1.023263	1.985116
26	.317500	.624626	1.013004	1.000000	1.019957	1.977828
27	.330200	.620152	1.010745	1.000000	1.016416	1.969989
28	.342900	.615380	1.008313	1.000000	1.012637	1.961593
29	.355600	.610086	1.005586	1.000000	1.008445	1.952234
30	.368300	.605090	1.002985	1.000000	1.004489	1.943360
31	.381000	.599423	1.000000	1.000000	1.000000	1.933243
32	.393700	.595247	.997778	1.000000	.996692	1.925753
33	.406400	.589208	.994527	1.000000	.991907	1.914867
34	.419100	.584659	.992051	1.000000	.988302	1.906626
35	.431800	.579440	.989179	1.000000	.984166	1.897123
36	.444500	.574742	.986566	1.000000	.980442	1.888529
37	.457200	.568777	.983209	1.000000	.975713	1.877557
38	.469900	.563483	.980191	1.000000	.971515	1.867763
39	.482600	.558561	.977353	1.000000	.967611	1.858611
40	.495300	.552969	.974090	1.000000	.963175	1.848154
41	.508000	.546929	.970518	1.000000	.958383	1.836791
42	.520700	.540964	.966942	1.000000	.953649	1.825496
43	.533400	.534253	.962858	1.000000	.948321	1.812702

STATION X= 6.22 CM PTO= 23.815 N/SQ CM TTO=296.28K
R= 2.588 CM PWALL= 2.4555 N/SQ CM CF= .00187 PI =1.051
UE= 510.8 M/SEC RHOE=.01598 KG/CUB M RE= 23.244E6 /M
DELTA= .381 CM DELTA*= .0767 CM THETA= .0206 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.103106	.000000	1.000000	.561415	.000000
2	.012700	.169405	.549150	1.000000	.646987	.872989
3	.025400	.179695	.578464	1.000000	.657980	.927369
4	.038100	.190358	.605309	1.000000	.668906	.978431
5	.050800	.205420	.640723	1.000000	.684695	1.047826
6	.063500	.221675	.667899	1.000000	.697972	1.102809
7	.076200	.240540	.700182	1.000000	.715195	1.170289
8	.088900	.263581	.735335	1.000000	.735945	1.246745
9	.101600	.290051	.770908	1.000000	.759337	1.327669
10	.114300	.320400	.806740	1.000000	.785684	1.413279
11	.127000	.351195	.839420	1.000000	.812513	1.495425
12	.139700	.385122	.871308	1.000000	.841656	1.579826
13	.152400	.419870	.900595	1.000000	.871389	1.661521
14	.165100	.452455	.925733	1.000000	.899501	1.735228
15	.177800	.488544	.950811	1.000000	.930263	1.812454
16	.190500	.518147	.969702	1.000000	.955456	1.873328
17	.203200	.545960	.986243	1.000000	.979100	1.928712
18	.215900	.567658	.998414	1.000000	.997531	1.970807
19	.228600	.581527	1.005884	1.000000	1.009305	1.997235
20	.241300	.591295	1.011007	1.000000	1.017596	2.015634
21	.254000	.596217	1.013546	1.000000	1.021772	2.024839
22	.266700	.597410	1.014158	1.000000	1.022784	2.027064
23	.279400	.597037	1.013967	1.000000	1.022468	2.026369
24	.292100	.594875	1.012856	1.000000	1.020633	2.022333
25	.304800	.592638	1.011702	1.000000	1.018735	2.018149
26	.317500	.589282	1.009960	1.000000	1.015887	2.011856
27	.330200	.585703	1.008087	1.000000	1.012850	2.005121
28	.342900	.581826	1.006042	1.000000	1.009559	1.997799
29	.355600	.577650	1.003819	1.000000	1.006014	1.989883
30	.368300	.574369	1.002058	1.000000	1.003229	1.983640
31	.381000	.570566	1.000000	1.000000	1.000000	1.976378
32	.393700	.566614	.997843	1.000000	.996644	1.968803
33	.406400	.562886	.995790	1.000000	.993478	1.961629
34	.419100	.559456	.993885	1.000000	.990565	1.955005
35	.431800	.555280	.991546	1.000000	.987018	1.946909
36	.444500	.551105	.989185	1.000000	.983471	1.938779
37	.457200	.547749	.987270	1.000000	.980620	1.932220
38	.469900	.543350	.984737	1.000000	.976882	1.923585
39	.482600	.539622	.982570	1.000000	.973714	1.916237
40	.495300	.535670	.980252	1.000000	.970355	1.908415
41	.508000	.532016	.978089	1.000000	.967249	1.901154
42	.520700	.528213	.975817	1.000000	.964016	1.893567
43	.533400	.523366	.972892	1.000000	.959895	1.883850

STATION X= 6.45 CM PTO= 23.815 N/SQ CM TTO=296.28K
R= 2.588 CM PWALL= 2.2751 N/SQ CM CF= .00167 PI[illegible]=1.500
UE= 523.0 M/SEC RHOE=.01539 KG/CUB M RE= 23.740E6 /M
DELTA= .275 CM DELTA*= .0830 CM THETA= .0225 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.095532	.000000	1.000000	.540091	.000000
2	.012700	.182528	.608142	1.000000	.650784	1.012303
3	.025400	.191700	.626699	1.000000	.659154	1.049881
4	.038100	.203034	.647599	1.000000	.669157	1.093094
5	.050800	.216083	.671879	1.000000	.681600	1.144572
6	.063500	.230623	.696770	1.000000	.695349	1.198886
7	.076200	.247325	.722678	1.000000	.710828	1.257229
8	.088900	.270888	.755649	1.000000	.732437	1.334420
9	.101600	.290872	.780712	1.000000	.750459	1.395538
10	.114300	.319356	.813327	1.000000	.776249	1.478607
11	.127000	.341725	.836342	1.000000	.796232	1.539895
12	.139700	.370135	.863057	1.000000	.821520	1.614121
13	.152400	.394741	.884244	1.000000	.843361	1.675584
14	.165100	.425760	.908998	1.000000	.871132	1.750622
15	.177800	.453722	.929251	1.000000	.895874	1.814863
16	.190500	.483549	.949192	1.000000	.922227	1.880876
17	.203200	.508379	.964635	1.000000	.944141	1.934055
18	.215900	.529183	.976847	1.000000	.962487	1.977476
19	.228600	.543126	.984689	1.000000	.974777	2.006038
20	.241300	.557741	.992633	1.000000	.987654	2.035533
21	.254000	.564974	.996464	1.000000	.994024	2.049970
22	.266700	.570417	.999305	1.000000	.998818	2.060766
23	.279400	.572132	1.000193	1.000000	1.000328	2.064155
24	.292100	.572356	1.000308	1.000000	1.000525	2.064597
25	.304800	.570417	.999305	1.000000	.998818	2.060766
26	.317500	.568106	.998103	1.000000	.996783	2.056188
27	.330200	.563706	.995797	1.000000	.992908	2.047447
28	.342900	.561022	.994379	1.000000	.990544	2.042095
29	.355600	.556473	.991955	1.000000	.986537	2.032992
30	.368300	.553118	.990150	1.000000	.983581	2.026251
31	.381000	.549091	.987965	1.000000	.980033	2.018130
32	.393700	.546034	.986292	1.000000	.977340	2.011942
33	.406400	.542753	.984483	1.000000	.974448	2.005280
34	.419100	.539920	.982909	1.000000	.971951	1.999507
35	.431800	.537012	.981283	1.000000	.969388	1.993565
36	.444500	.533134	.979097	1.000000	.965971	1.985614
37	.457200	.530674	.977698	1.000000	.963802	1.980551
38	.469900	.528735	.976591	1.000000	.962092	1.976552
39	.482600	.527691	.975992	1.000000	.961172	1.974396
40	.495300	.527542	.975907	1.000000	.961041	1.974088
41	.508000	.528213	.976292	1.000000	.961632	1.975474
42	.520700	.527468	.975864	1.000000	.960975	1.973933
43	.533400	.527468	.975864	1.000000	.960975	1.973933
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

STATION X= 6.96 CM PTO= 23.815 N/SQ CM TTO=296.28K
R= 2.588 CM PWALL= 1.7802 N/SQ CM CF= .00198 PT = .758
UE= 546.4 M/SEC RHOE=.01306 KG/CUB M RE= 22.664E6 /M
DELTA= .381 CM DELTA*= .0936 CM THETA= .0245 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.074752	.000000	1.000000	.498108	.000000
2	.012700	.194096	.692789	1.000000	.656170	1.259615
3	.025400	.205047	.712030	1.000000	.668110	1.306325
4	.038100	.215784	.729408	1.000000	.679570	1.349634
5	.050800	.225105	.743650	1.000000	.689474	1.385978
6	.063500	.233009	.755174	1.000000	.697848	1.415975
7	.076200	.242628	.768865	1.000000	.708239	1.452341
8	.088900	.252769	.782314	1.000000	.719942	1.488871
9	.101600	.266041	.798957	1.000000	.732915	1.535249
10	.114300	.278121	.813248	1.000000	.745601	1.576176
11	.127000	.292363	.829154	1.000000	.760527	1.623010
12	.139700	.308618	.846188	1.000000	.777530	1.674765
13	.152400	.324873	.862395	1.000000	.794772	1.725664
14	.165100	.342993	.879060	1.000000	.813683	1.779816
15	.177800	.359248	.893100	1.000000	.830627	1.826973
16	.190500	.377069	.907600	1.000000	.849184	1.877259
17	.203200	.396158	.922195	1.000000	.869042	1.929620
18	.215900	.414203	.935185	1.000000	.887798	1.977604
19	.228600	.431278	.946820	1.000000	.905535	2.022313
20	.241300	.446117	.956452	1.000000	.920940	2.060191
21	.254000	.458718	.964308	1.000000	.934019	2.091808
22	.266700	.472886	.972986	1.000000	.949034	2.127531
23	.279400	.484891	.979925	1.000000	.961493	2.156724
24	.292100	.492645	.984287	1.000000	.969540	2.175369
25	.304800	.500699	.988719	1.000000	.977895	2.194561
26	.317500	.506664	.991941	1.000000	.984083	2.208667
27	.330200	.511138	.994324	1.000000	.988723	2.219187
28	.342900	.514717	.996210	1.000000	.992435	2.227567
29	.355600	.517923	.997885	1.000000	.995760	2.235046
30	.368300	.520757	.999353	1.000000	.998699	2.241635
31	.381000	.522024	1.000007	1.000000	1.000013	2.244576
32	.393700	.524187	1.001116	1.000000	1.002256	2.249584
33	.406400	.524261	1.001154	1.000000	1.002333	2.249757
34	.419100	.525454	1.001764	1.000000	1.003570	2.252515
35	.431800	.525902	1.001992	1.000000	1.004034	2.253548
36	.444500	.526647	1.002371	1.000000	1.004807	2.255270
37	.457200	.527766	1.002939	1.000000	1.005967	2.257849
38	.469900	.528586	1.003354	1.000000	1.006817	2.259739
39	.482600	.529406	1.003769	1.000000	1.007668	2.261627
40	.495300	.530077	1.004107	1.000000	1.008364	2.263171
41	.508000	.531047	1.004595	1.000000	1.009369	2.265398
42	.520700	.531494	1.004820	1.000000	1.009832	2.266426
43	.533400	.532911	1.005530	1.000000	1.011301	2.269676

STATION X= 7.49 CM PTO= 23.815 N/SQ CM TTO=296.28K

R= 2.588 CM PWALL= 1.2850 N/SQ CM CF= .00191 PI = .482

UE= 587.6 M/SEC RHOE=.01119 KG/CUB M RE= 24.598E6 /M

DELTA= .499 CM DELTA*= .1168 CM THETA= .0256 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.053959	.000000	1.000000	.419428	.000000
2	.012700	.180664	.724371	1.000000	.603175	1.480019
3	.025400	.198634	.752968	1.000000	.625229	1.566322
4	.038100	.210938	.770787	1.000000	.640275	1.622567
5	.050800	.217648	.779979	1.000000	.648467	1.652386
6	.063500	.220706	.784052	1.000000	.652196	1.665783
7	.076200	.226522	.791838	1.000000	.659501	1.691721
8	.088900	.233829	.801004	1.000000	.668410	1.722823
9	.101600	.241286	.809997	1.000000	.677492	1.753963
10	.114300	.250681	.820848	1.000000	.688924	1.792393
11	.127000	.260076	.831201	1.000000	.700347	1.829983
12	.139700	.271485	.843155	1.000000	.714204	1.874577
13	.152400	.281700	.853329	1.000000	.726603	1.913594
14	.165100	.292587	.863665	1.000000	.739807	1.954291
15	.177800	.305412	.875222	1.000000	.755353	2.001142
16	.190500	.317342	.885420	1.000000	.769805	2.043735
17	.203200	.329422	.895247	1.000000	.784430	2.085954
18	.215900	.344410	.906964	1.000000	.802839	2.137907
19	.228600	.357980	.916857	1.000000	.819266	2.183228
20	.241300	.371924	.926510	1.000000	.836139	2.228615
21	.254000	.386017	.935780	1.000000	.853186	2.273947
22	.266700	.399663	.944325	1.000000	.869686	2.316795
23	.279400	.413904	.952825	1.000000	.886903	2.360674
24	.292100	.427252	.960431	1.000000	.903035	2.401660
25	.304800	.439704	.967232	1.000000	.918082	2.438127
26	.317500	.451038	.973192	1.000000	.931775	2.471375
27	.330200	.459166	.977337	1.000000	.941593	2.494942
28	.342900	.466324	.980902	1.000000	.950239	2.515514
29	.355600	.469456	.982437	1.000000	.954022	2.524460
30	.368300	.479224	.987133	1.000000	.965818	2.552162
31	.381000	.483698	.989239	1.000000	.971221	2.564749
32	.393700	.487202	.990868	1.000000	.975453	2.574565
33	.406400	.490856	.992550	1.000000	.979865	2.584759
34	.419100	.494137	.994044	1.000000	.983826	2.593878
35	.431800	.496523	.995122	1.000000	.986707	2.600490
36	.444500	.499133	.996292	1.000000	.989858	2.607702
37	.457200	.501370	.997288	1.000000	.992559	2.613869
38	.469900	.503234	.998114	1.000000	.994510	2.618995
39	.482600	.505471	.999098	1.000000	.997511	2.625135
40	.495300	.506962	.999751	1.000000	.999311	2.629220
41	.508000	.508677	1.000498	1.000000	1.001382	2.633909
42	.520700	.510094	1.001113	1.000000	1.003092	2.637777
43	.533400	.511212	1.001596	1.000000	1.004442	2.640827

ID NO. 12316-016

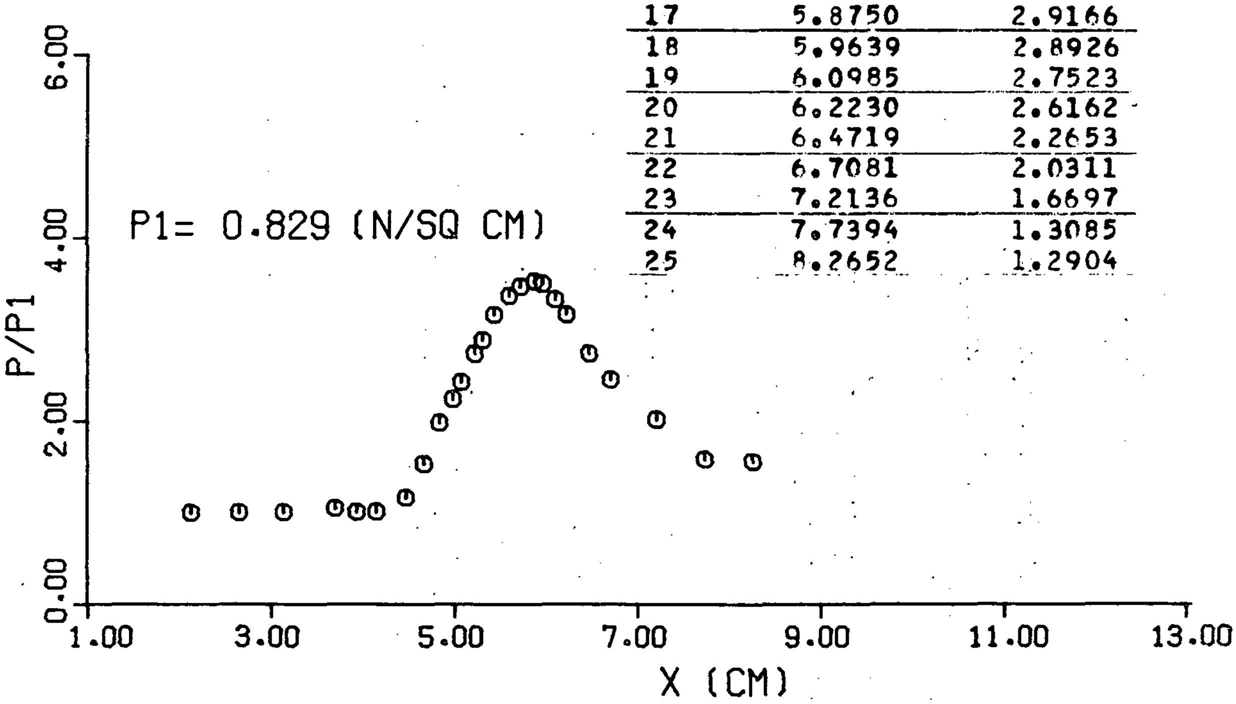
STATION X= 8.00 CM PTO= 23.815 N/SQ CM TTO=296.28K
R= 2.588 CM PWALL= 1.2507 N/SQ CM CF= .00200 PI = .562
UE= 577.8 M/SEC RHOE=.01042 KG/CUB M RE= 21.556E6 /M
DELTA= .417 CM DELTA*= .1021 CM THETA= .0231 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.052519	.000000	1.000000	.438673	.000000
2	.012700	.107366	.571901	1.000000	.537321	1.060377
3	.025400	.137192	.657084	1.000000	.578998	1.264685
4	.038100	.170821	.727678	1.000000	.624207	1.454207
5	.050800	.198336	.773501	1.000000	.660496	1.590079
6	.063500	.217052	.800446	1.000000	.685051	1.675777
7	.076200	.232114	.820364	1.000000	.705003	1.742308
8	.088900	.246580	.837831	1.000000	.723918	1.803118
9	.101600	.259703	.852600	1.000000	.741056	1.856494
10	.114300	.269844	.863379	1.000000	.754286	1.896673
11	.127000	.280060	.873727	1.000000	.767604	1.936277
12	.139700	.290126	.883461	1.000000	.780720	1.974502
13	.152400	.299298	.891956	1.000000	.792663	2.008678
14	.165100	.309140	.900703	1.000000	.805474	2.044704
15	.177800	.318461	.908657	1.000000	.817601	2.078229
16	.190500	.326290	.915275	1.000000	.828059	2.106711
17	.203200	.334791	.922046	1.000000	.839120	2.136424
18	.215900	.343440	.928705	1.000000	.850372	2.166232
19	.228600	.351717	.934869	1.000000	.861136	2.194368
20	.241300	.360869	.941475	1.000000	.873061	2.225123
21	.254000	.369389	.947398	1.000000	.884111	2.253246
22	.266700	.379381	.954127	1.000000	.897097	2.285854
23	.279400	.388851	.960283	1.000000	.909401	2.316328
24	.292100	.397724	.965868	1.000000	.920929	2.344518
25	.304800	.407492	.971819	1.000000	.933616	2.375158
26	.317500	.416813	.977316	1.000000	.945721	2.404026
27	.330200	.426282	.982727	1.000000	.958017	2.433001
28	.342900	.432248	.986050	1.000000	.965762	2.451075
29	.355600	.439704	.990113	1.000000	.975441	2.473479
30	.368300	.445968	.993452	1.000000	.983572	2.492142
31	.381000	.449994	.995563	1.000000	.988798	2.504064
32	.393700	.452977	.997110	1.000000	.992669	2.512859
33	.406400	.456929	.999137	1.000000	.997798	2.524465
34	.419100	.459017	1.000198	1.000000	1.000508	2.530575
35	.431800	.461477	1.001440	1.000000	1.003701	2.537756
36	.444500	.463341	1.002374	1.000000	1.006120	2.543183
37	.457200	.465131	1.003266	1.000000	1.008443	2.548382
38	.469900	.466324	1.003858	1.000000	1.009991	2.551842
39	.482600	.467815	1.004595	1.000000	1.011926	2.556160
40	.495300	.468934	1.005145	1.000000	1.013378	2.559394
41	.508000	.469903	1.005620	1.000000	1.014635	2.562193
42	.520700	.470798	1.006058	1.000000	1.015796	2.564774
43	.533400	.471469	1.006386	1.000000	1.016667	2.566708
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

ID NO. 12316-017

PTO=	23.6636 N/SQ CM
TTO=	299.3333 K
PBAR=	748.2000 MMHG
TMAN=	298.5556 K

I	X(CM)	P(N/SQ CM)
1	2.1336	.8291
2	2.6568	.8291
3	3.1445	.8329
4	3.7033	.8692
5	3.9395	.8322
6	4.1504	.8346
7	4.4755	.9608
8	4.6685	1.2667
9	4.8387	1.6395
10	4.9835	1.8528
11	5.0749	2.0075
12	5.2248	2.2633
13	5.3111	2.3847
14	5.4356	2.6131
15	5.5982	2.7870
16	5.7226	2.8696
17	5.8750	2.9166
18	5.9639	2.8926
19	6.0985	2.7523
20	6.2230	2.6162
21	6.4719	2.2653
22	6.7081	2.0311
23	7.2136	1.6697
24	7.7394	1.3085
25	8.2652	1.2904



ID NO. 12316 -017

ID NO. 12316-018

STATION X= 3.94 CM PTO= 23.669 N/SQ CM TTO=299.33K
R= 2.588 CM PWALL= .8322 N/SQ CM CF= .00188 PI/[illegible]= .711
UE= 609.3 M/SEC RHOE=.00787 KG/CUB M RE= 19.448E6 /M
DELTA= .355 CM DELTA*= .1038 CM THETA= .0197 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.035160	.000000	1.000000	.382277	.000000
2	.012700	.081286	.587080	1.000000	.485682	1.162963
3	.025400	.106569	.672273	1.000000	.530337	1.391599
4	.038100	.131028	.733513	1.000000	.572580	1.577679
5	.050800	.148358	.769087	1.000000	.602371	1.696681
6	.063500	.159312	.788905	1.000000	.621036	1.767158
7	.076200	.169816	.806372	1.000000	.638902	1.832083
8	.088900	.178293	.819505	1.000000	.653304	1.882792
9	.101600	.187672	.833138	1.000000	.669221	1.937288
10	.114300	.199376	.848970	1.000000	.689066	2.003159
11	.127000	.212130	.864902	1.000000	.710672	2.072497
12	.139700	.224134	.878946	1.000000	.731239	2.136410
13	.152400	.235613	.891323	1.000000	.750673	2.195096
14	.165100	.245966	.901809	1.000000	.768194	2.246689
15	.177800	.257220	.912546	1.000000	.787232	2.301436
16	.190500	.267874	.922133	1.000000	.805247	2.352072
17	.203200	.282579	.934528	1.000000	.830105	2.420201
18	.215900	.295333	.944568	1.000000	.851659	2.477758
19	.228600	.308387	.954228	1.000000	.873713	2.535301
20	.241300	.319341	.961894	1.000000	.892215	2.582584
21	.254000	.330220	.969141	1.000000	.910587	2.628695
22	.266700	.340423	.975630	1.000000	.927816	2.671213
23	.279400	.351527	.982484	1.000000	.946869	2.717461
24	.292100	.362105	.988625	1.000000	.964737	2.760[illegible]27
25	.304800	.368407	.992159	1.000000	.975381	2.785232
26	.317500	.374484	.995483	1.000000	.985645	2.809227
27	.330200	.378236	.997495	1.000000	.991980	2.823936
28	.342900	.380937	.998925	1.000000	.996541	2.834479
29	.355600	.383112	1.000066	1.000000	1.000215	2.842943
30	.368300	.384388	1.000731	1.000000	1.002368	2.847893
31	.381000	.384838	1.000965	1.000000	1.003129	2.849638
32	.393700	.385438	1.001276	1.000000	1.004142	2.851963
33	.406400	.386113	1.001625	1.000000	1.005282	2.854577
34	.419100	.385813	1.001470	1.000000	1.004776	2.853416
35	.431800	.385813	1.001470	1.000000	1.004776	2.853416
36	.444500	.385813	1.001470	1.000000	1.004776	2.853416
37	.457200	.385813	1.001470	1.000000	1.004776	2.853416
38	.469900	.386263	1.001702	1.000000	1.005536	2.855157
39	.482600	.386263	1.001702	1.000000	1.005536	2.855157
40	.495300	.386263	1.001702	1.000000	1.005536	2.855157
41	.508000	.386263	1.001702	1.000000	1.005536	2.855157
42	.520700	.386263	1.001702	1.000000	1.005536	2.855157
43	.533400	.386263	1.001702	1.000000	1.005536	2.855157

ID NO. 12316-019

STATION X= 4.14 CM PTO= 23.669 N/SQ CM TTO=299.33K
R= 2.588 CM PWALL= .8346 N/SQ CM CF= .00185 PI = .765
UE= 607.8 M/SEC RHOE=.00784 KG/CUB M RE= 19.167E6 /M
DELTA= .351 CM DELTA*= .1047 CM THETA= .0200 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.035262	.000000	1.000000	.385181	.000000
2	.012700	.074534	.558379	1.000000	.476528	1.088928
3	.025400	.104469	.666949	1.000000	.530176	1.371921
4	.038100	.127802	.727174	1.000000	.570728	1.551955
5	.050800	.144607	.762642	1.000000	.599590	1.668298
6	.063500	.157211	.786291	1.000000	.621374	1.750999
7	.076200	.167115	.803118	1.000000	.638306	1.812673
8	.088900	.177168	.818962	1.000000	.655470	1.873123
9	.101600	.185796	.831676	1.000000	.670185	1.923435
10	.114300	.194424	.843655	1.000000	.684888	1.972425
11	.127000	.208754	.862101	1.000000	.709285	2.051137
12	.139700	.224134	.880298	1.000000	.735694	2.133066
13	.152400	.232312	.889229	1.000000	.749606	2.174985
14	.165100	.242740	.900025	1.000000	.767340	2.227277
15	.177800	.253919	.910919	1.000000	.786342	2.281978
16	.190500	.264873	.920975	1.000000	.804954	2.334315
17	.203200	.279653	.933667	1.000000	.830059	2.403104
18	.215900	.290606	.942484	1.000000	.848658	2.452824
19	.228600	.304561	.953060	1.000000	.872347	2.514727
20	.241300	.315965	.961203	1.000000	.891701	2.564192
21	.254000	.327519	.969033	1.000000	.911306	2.613345
22	.266700	.335846	.974434	1.000000	.925435	2.648203
23	.279400	.345975	.980854	1.000000	.942919	2.690713
24	.292100	.356778	.987293	1.000000	.961255	2.734584
25	.304800	.364356	.991641	1.000000	.974114	2.764936
26	.317500	.368858	.994161	1.000000	.981752	2.782809
27	.330200	.374259	.997125	1.000000	.990918	2.804105
28	.342900	.378011	.999146	1.000000	.997283	2.818799
29	.355600	.380561	1.000504	1.000000	1.001611	2.828747
30	.368300	.382737	1.001651	1.000000	1.005302	2.837204
31	.381000	.383863	1.002240	1.000000	1.007212	2.841568
32	.393700	.384988	1.002827	1.000000	1.009121	2.845926
33	.406400	.385588	1.003139	1.000000	1.010139	2.848248
34	.419100	.385738	1.003217	1.000000	1.010394	2.848828
35	.431800	.385738	1.003217	1.000000	1.010394	2.848828
36	.444500	.386413	1.003567	1.000000	1.011539	2.851436
37	.457200	.386413	1.003567	1.000000	1.011539	2.851436
38	.469900	.386413	1.003567	1.000000	1.011539	2.851436
39	.482600	.386338	1.003528	1.000000	1.011412	2.851147
40	.495300	.404194	1.012463	1.000000	1.041703	2.919289
41	.508000	.508029	1.054533	1.000000	1.217783	3.287540
42	.520700	.519808	1.058461	1.000000	1.237752	3.326730
43	.533400	.520559	1.058706	1.000000	1.239024	3.329211

ID NO. 12316-020

STATION X= 4.47 CM PTO= 23.669 N/SQ CM TTO=299.33K
R= 2.588 CM PWALL= .9608 N/SQ CM CF= .00195 PT[illegible]= .955
UE= 580.7 M/SEC RHOE=.00792 KG/CUB M RE= 16.296E6 /M
DELTA= .292 CM DELTA*= .0924 CM THETA= .0202 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.040594	.000000	1.000000	.438866	.000000
2	.012700	.075059	.535750	1.000000	.523120	.979750
3	.025400	.105519	.655579	1.000000	.578342	1.260580
4	.038100	.127802	.717332	1.000000	.617025	1.424703
5	.050800	.144832	.756358	1.000000	.646361	1.537531
6	.063500	.157061	.780929	1.000000	.667179	1.612818
7	.076200	.168390	.801908	1.000000	.686630	1.680114
8	.088900	.177018	.816591	1.000000	.701260	1.729008
9	.101600	.186096	.831110	1.000000	.716632	1.778932
10	.114300	.194574	.843891	1.000000	.730971	1.824269
11	.127000	.208904	.863971	1.000000	.755176	1.898349
12	.139700	.221058	.879672	1.000000	.775681	1.958914
13	.152400	.232237	.893161	1.000000	.794525	2.012965
14	.165100	.242965	.905334	1.000000	.812597	2.063474
15	.177800	.254069	.917380	1.000000	.831567	2.115196
16	.190500	.265098	.928511	1.000000	.850139	2.164634
17	.203200	.278452	.941185	1.000000	.872616	2.223000
18	.215900	.290756	.952154	1.000000	.893317	2.275427
19	.228600	.302685	.962200	1.000000	.913379	2.325110
20	.241300	.314089	.971305	1.000000	.932552	2.371619
21	.254000	.325568	.980017	1.000000	.951846	2.417519
22	.266700	.335171	.986981	1.000000	.967984	2.455251
23	.279400	.341923	.991712	1.000000	.979330	2.481434
24	.292100	.354228	1.000000	1.000000	1.000000	2.528441
25	.304800	.362630	1.005428	1.000000	1.014114	2.560042
26	.317500	.369533	1.009753	1.000000	1.025706	2.585708
27	.330200	.379136	1.015581	1.000000	1.041833	2.620995
28	.342900	.435330	1.045927	1.000000	1.136547	2.819342
29	.355600	.506079	1.076603	1.000000	1.255321	3.049900
30	.368300	.514106	1.079671	1.000000	1.268795	3.074963
31	.381000	.518963	1.081499	1.000000	1.276980	3.090089
32	.393700	.520709	1.082140	1.000000	1.279876	3.095423
33	.406400	.521909	1.082583	1.000000	1.281891	3.099128
34	.419100	.523485	1.083163	1.000000	1.284535	3.103985
35	.431800	.525960	1.084069	1.000000	1.288690	3.111601
36	.444500	.528661	1.085050	1.000000	1.293223	3.119889
37	.457200	.528586	1.085023	1.000000	1.293097	3.119659
38	.469900	.529411	1.085321	1.000000	1.294482	3.122187
39	.482600	.530687	1.085780	1.000000	1.296623	3.126090
40	.495300	.532788	1.086533	1.000000	1.300148	3.132508
41	.508000	.532788	1.086533	1.000000	1.300148	3.132508
42	.520700	.533463	1.086774	1.000000	1.301281	3.134568
43	.533400	.533613	1.086628	1.000000	1.301533	3.135026
44	.546100	.535338	1.087441	1.000000	1.304429	3.140283

ID NO. 12316-021

STATION X= 4.67 CM PTO= 23.669 N/SQ CM TTO=299.33K
R= 2.588 CM PWALL= 1.2667 N/SQ CM CF= .00119 PT[illegible]=1.958
UE= 596.2 M/SEC RHOE=.01121 KG/CUB M RF= 25.384E6 /M
DELTA= .371 CM DELTA*= .1376 CM THETA= .0261 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.053518	.000000	1.000000	.408589	.000000
2	.012700	.075359	.396882	1.000000	.450562	.716680
3	.025400	.103643	.541376	1.000000	.494262	1.023915
4	.038100	.126601	.607825	1.000000	.522825	1.182341
5	.050800	.143182	.647748	1.000000	.543440	1.284601
6	.063500	.156611	.676191	1.000000	.560028	1.361321
7	.076200	.165914	.694009	1.000000	.571335	1.411227
8	.088900	.175292	.711051	1.000000	.582877	1.460412
9	.101600	.184296	.726161	1.000000	.593756	1.505299
10	.114300	.192623	.739359	1.000000	.603793	1.545558
11	.127000	.206653	.760092	1.000000	.620656	1.610935
12	.139700	.218132	.775815	1.000000	.634419	1.662388
13	.152400	.229986	.791242	1.000000	.648824	1.714585
14	.165100	.241090	.804629	1.000000	.662107	1.761350
15	.177800	.250768	.815684	1.000000	.673672	1.801076
16	.190500	.262697	.828594	1.000000	.687912	1.848820
17	.203200	.274026	.840187	1.000000	.701423	1.893005
18	.215900	.289706	.855259	1.000000	.720106	1.952460
19	.228600	.321892	.883131	1.000000	.758406	2.069007
20	.241300	.392866	.933461	1.000000	.843018	2.305690
21	.254000	.434280	.957346	1.000000	.892183	2.432662
22	.266700	.455737	.968502	1.000000	.917643	2.495879
23	.279400	.473443	.977160	1.000000	.938647	2.546849
24	.292100	.488673	.984246	1.000000	.956711	2.589882
25	.304800	.500152	.989379	1.000000	.970323	2.621844
26	.317500	.508630	.993061	1.000000	.980376	2.645200
27	.330200	.514406	.995520	1.000000	.987225	2.660996
28	.342900	.518833	.997377	1.000000	.992473	2.673037
29	.355600	.522959	.999087	1.000000	.997366	2.684212
30	.368300	.524460	.999815	1.000000	.999465	2.688994
31	.381000	.526335	1.000583	1.000000	1.001590	2.694052
32	.393700	.527161	1.000919	1.000000	1.002669	2.696274
33	.406400	.529562	1.001894	1.000000	1.005517	2.702729
34	.419100	.531662	1.002741	1.000000	1.008009	2.708365
35	.431800	.533763	1.003583	1.000000	1.010501	2.713988
36	.444500	.535038	1.004092	1.000000	1.012014	2.717397
37	.457200	.537664	1.005135	1.000000	1.015128	2.724401
38	.469900	.539690	1.005934	1.000000	1.017531	2.729792
39	.482600	.541866	1.006787	1.000000	1.020112	2.735570
40	.495300	.542541	1.007051	1.000000	1.020913	2.737361
41	.508000	.543891	1.007577	1.000000	1.022515	2.740939
42	.520700	.544567	1.007840	1.000000	1.023315	2.742726
43	.533400	.545692	1.008276	1.000000	1.024650	2.745702
44	.546100	.546067	1.008421	1.000000	1.025095	2.746693

ID NO. 12316-023

STATION X= 4.98 CM PTO= 23.669 N/SQ CM TTO=299.33K
R= 2.588 CM PWALL= 1.8696 N/SQ CM CF= .00130 PT[illegible]=2.214
UE= 543.1 M/SEC RHOE=.01328 KG/CUB M RE= 22.242E6 /M
DELTA= .292 CM DELTA*= .0965 CM THETA= .0223 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.078989	.000000	1.000000	.509120	.000000
2	.012700	.097416	.344180	1.000000	.540553	.555606
3	.025400	.114597	.453286	1.000000	.566231	.748913
4	.038100	.139205	.551811	1.000000	.598592	.937385
5	.050800	.162238	.613728	1.000000	.624608	1.064980
6	.063500	.179344	.651702	1.000000	.643222	1.147603
7	.076200	.199301	.690444	1.000000	.664656	1.235916
8	.088900	.220683	.726317	1.000000	.687032	1.321833
9	.101600	.244541	.761300	1.000000	.711561	1.410016
10	.114300	.266448	.790238	1.000000	.734177	1.486691
11	.127000	.300059	.829038	1.000000	.768349	1.595569
12	.139700	.329994	.859613	1.000000	.798906	1.686993
13	.152400	.360530	.887241	1.000000	.829752	1.774508
14	.165100	.389715	.911042	1.000000	.859171	1.854130
15	.177800	.414023	.929205	1.000000	.883639	1.917835
16	.190500	.435330	.944038	1.000000	.905065	1.971931
17	.203200	.455137	.957008	1.000000	.924966	2.020882
18	.215900	.471717	.967312	1.000000	.941617	2.060943
19	.228600	.486197	.976112	1.000000	.956467	2.096026
20	.241300	.498576	.983213	1.000000	.968898	2.124950
21	.254000	.511706	.990492	1.000000	.982080	2.155195
22	.266700	.521084	.995540	1.000000	.991492	2.176535
23	.279400	.525585	.997920	1.000000	.996010	2.186703
24	.292100	.529562	1.000000	1.000000	1.000000	2.195645
25	.304800	.532413	1.001478	1.000000	1.002861	2.202034
26	.317500	.534888	1.002753	1.000000	1.005345	2.207566
27	.330200	.536689	1.003675	1.000000	1.007151	2.211581
28	.342900	.539165	1.004937	1.000000	1.009635	2.217089
29	.355600	.540665	1.005697	1.000000	1.011141	2.220421
30	.368300	.542391	1.006569	1.000000	1.012872	2.224246
31	.381000	.544717	1.007737	1.000000	1.015205	2.229391
32	.393700	.546292	1.008525	1.000000	1.016786	2.232870
33	.406400	.547117	1.008936	1.000000	1.017613	2.234689
34	.419100	.548093	1.009421	1.000000	1.018592	2.236838
35	.431800	.549293	1.010016	1.000000	1.019796	2.239480
36	.444500	.549593	1.010165	1.000000	1.020097	2.240140
37	.457200	.551394	1.011054	1.000000	1.021903	2.244095
38	.469900	.551994	1.011349	1.000000	1.022505	2.245412
39	.482600	.553345	1.012013	1.000000	1.023860	2.248373
40	.495300	.554095	1.012380	1.000000	1.024612	2.250016
41	.508000	.555220	1.012930	1.000000	1.025741	2.252478
42	.520700	.555670	1.013150	1.000000	1.026192	2.253462
43	.533400	.556871	1.013734	1.000000	1.027396	2.256084
44	.546100	.558221	1.014389	1.000000	1.028751	2.259030

ID NO. 12316-024

STATION X= 5.23 CM PTO= 23.669 N/SQ CM TTO=299.33K
R= 2.588 CM PWALL= 2.2691 N/SQ CM CF= .00173 PI =1.455
UE= 523.5 M/SEC RHOE=.01509 KG/CUB M RE= 22.930E6 /M
DELTA= .256 CM DELTA*= .0770 CM THETA= .0210 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.095869	.000000	1.000000	.543928	.000000
2	.012700	.173117	.583663	1.000000	.643982	.959024
3	.025400	.182495	.609292	1.000000	.654792	1.009503
4	.038100	.199901	.642636	1.000000	.670150	1.077164
5	.050800	.224134	.687422	1.000000	.693358	1.172014
6	.063500	.243640	.718948	1.000000	.711703	1.241873
7	.076200	.267949	.753667	1.000000	.734101	1.322172
8	.088900	.295858	.788708	1.000000	.759363	1.407251
9	.101600	.325118	.821671	1.000000	.785926	1.491487
10	.114300	.359704	.855951	1.000000	.816883	1.584016
11	.127000	.376360	.871054	1.000000	.831743	1.626561
12	.139700	.385663	.879138	1.000000	.840032	1.649817
13	.152400	.397617	.889601	1.000000	.851126	1.680440
14	.165100	.423926	.910285	1.000000	.874355	1.742817
15	.177800	.460688	.936861	1.000000	.906998	1.826877
16	.190500	.491824	.957362	1.000000	.934599	1.895044
17	.203200	.517482	.973050	1.000000	.957319	1.949370
18	.215900	.545242	.988933	1.000000	.981878	2.006440
19	.228600	.559947	.996926	1.000000	.994880	2.036006
20	.241300	.568125	1.001254	1.000000	1.002109	2.052260
21	.254000	.566474	1.000387	1.000000	1.000650	2.048990
22	.266700	.557546	.995640	1.000000	.992757	2.031209
23	.279400	.544191	.988351	1.000000	.980949	2.004311
24	.292100	.538640	.985252	1.000000	.976039	1.993019
25	.304800	.536989	.984322	1.000000	.974579	1.989649
26	.317500	.536539	.984068	1.000000	.974180	1.988729
27	.330200	.537889	.984830	1.000000	.975375	1.991488
28	.342900	.539990	.986009	1.000000	.977233	1.995771
29	.355600	.541416	.986807	1.000000	.978494	1.998673
30	.368300	.543366	.987893	1.000000	.980219	2.002636
31	.381000	.545017	.988808	1.000000	.981679	2.005984
32	.393700	.545692	.989182	1.000000	.982276	2.007352
33	.406400	.546292	.989513	1.000000	.982807	2.008567
34	.419100	.547943	.990422	1.000000	.984266	2.011904
35	.431800	.548618	.990793	1.000000	.984863	2.013267
36	.444500	.548993	.990998	1.000000	.985195	2.014025
37	.457200	.549593	.991327	1.000000	.985726	2.015235
38	.469900	.551919	.992597	1.000000	.987782	2.019920
39	.482600	.553570	.993494	1.000000	.989242	2.023238
40	.495300	.554545	.994022	1.000000	.990104	2.025196
41	.508000	.555295	.994428	1.000000	.990768	2.026701
42	.520700	.556946	.995317	1.000000	.992227	2.030008
43	.533400	.557996	.995882	1.000000	.993155	2.032109

STATION X= 5.44 CM PTO= 23.669 N/SQ CM TTO=299.33K

R= 2.588 CM PWALL= 2.5634 N/SQ CM CF= .00146 PT =2.086

UE= 519.6 M/SEC RHOE=.01683 KG/CUB M RE= 25.109E6 /M

DELTA= .192 CM DELTA*= .0648 CM THETA= .0168 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.108301	.000000	1.000000	.550809	.000000
2	.012700	.184746	.561297	1.000000	.641609	.907879
3	.025400	.191873	.579321	1.000000	.648586	.942114
4	.038100	.212355	.626321	1.000000	.668626	1.034162
5	.050800	.235668	.664908	1.000000	.687298	1.113101
6	.063500	.257820	.699811	1.000000	.706151	1.187491
7	.076200	.292332	.746477	1.000000	.734707	1.292033
8	.088900	.329469	.789670	1.000000	.765125	1.394860
9	.101600	.372234	.832564	1.000000	.799853	1.503569
10	.114300	.421000	.874404	1.000000	.838936	1.617250
11	.127000	.475468	.914889	1.000000	.882683	1.735686
12	.139700	.533838	.952088	1.000000	.929132	1.853175
13	.152400	.578553	.977268	1.000000	.964641	1.938193
14	.165100	.632571	1.004539	1.000000	1.007476	2.036033
15	.177800	.658305	1.016484	1.000000	1.027863	2.080984
16	.190500	.632646	1.004575	1.000000	1.007536	2.036165
17	.203200	.567449	.971253	1.000000	.955829	1.917445
18	.215900	.530387	.950034	1.000000	.926389	1.846445
19	.228600	.524610	.946557	1.000000	.921797	1.835121
20	.241300	.530612	.950169	1.000000	.926568	1.846884
21	.254000	.540590	.956060	1.000000	.934498	1.866270
22	.266700	.551244	.962199	1.000000	.942961	1.886740
23	.279400	.562122	.968314	1.000000	.951600	1.907408
24	.292100	.567599	.971336	1.000000	.955948	1.917727
25	.304800	.569775	.972526	1.000000	.957675	1.921810
26	.317500	.569400	.972321	1.000000	.957377	1.921106
27	.330200	.559422	.966810	1.000000	.949455	1.902299
28	.342900	.548318	.960528	1.000000	.940637	1.881141
29	.355600	.543666	.957848	1.000000	.936942	1.872204
30	.368300	.542766	.957326	1.000000	.936227	1.870470
31	.381000	.542166	.956977	1.000000	.935750	1.869312
32	.393700	.542766	.957326	1.000000	.936227	1.870470
33	.406400	.543516	.957761	1.000000	.936823	1.871915
34	.419100	.543816	.957935	1.000000	.937061	1.872493
35	.431800	.544342	.958239	1.000000	.937478	1.873504
36	.444500	.545017	.958629	1.000000	.938015	1.874803
37	.457200	.545617	.958975	1.000000	.938492	1.875957
38	.469900	.546292	.959364	1.000000	.939028	1.877255
39	.482600	.545242	.958759	1.000000	.938194	1.875236
40	.495300	.542916	.957413	1.000000	.936346	1.870759
41	.508000	.540590	.956060	1.000000	.934498	1.866270
42	.520700	.536989	.953950	1.000000	.931636	1.859298
43	.533400	.533838	.952088	1.000000	.929132	1.853175

STATION X= 5.72 CM PTO= 23.669 N/SQ CM TTO=299.33K
R= 2.588 CM PWALL= 2.8514 N/SQ CM CF= .00126 PI =2.452
UE= 524.1 M/SEC RHOE=.01899 KG/CUB M RE= 28.952E6 /M
DELTA= .208 CM DELTA*= .0744 CM THETA= .0189 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.120471	.000000	1.000000	.542896	.000000
2	.012700	.190298	.517575	1.000000	.618650	.835276
3	.025400	.203652	.552022	1.000000	.630755	.899541
4	.038100	.222633	.593351	1.000000	.647021	.979275
5	.050800	.243190	.629058	1.000000	.662781	1.050775
6	.063500	.269674	.670052	1.000000	.683082	1.136264
7	.076200	.301335	.712312	1.000000	.706831	1.228746
8	.088900	.338472	.754679	1.000000	.733979	1.326595
9	.101600	.381687	.796975	1.000000	.765007	1.430249
10	.114300	.436080	.842916	1.000000	.804023	1.550788
11	.127000	.490323	.881989	1.000000	.842461	1.661011
12	.139700	.551769	.920542	1.000000	.886142	1.777990
13	.152400	.603461	.948848	1.000000	.922566	1.869949
14	.165100	.644425	.969180	1.000000	.951385	1.939621
15	.177800	.683963	.987287	1.000000	.979171	2.004504
16	.190500	.705571	.996617	1.000000	.994345	2.039066
17	.203200	.712548	.999551	1.000000	.999244	2.050099
18	.215900	.714349	1.000302	1.000000	1.000508	2.052937
19	.228600	.713598	.999989	1.000000	.999982	2.051755
20	.241300	.711123	.998954	1.000000	.998243	2.047850
21	.254000	.710072	.998514	1.000000	.997506	2.046191
22	.266700	.708722	.997947	1.000000	.996558	2.044056
23	.279400	.706621	.997061	1.000000	.995083	2.040731
24	.292100	.679537	.985328	1.000000	.976061	1.997347
25	.304800	.571426	.931685	1.000000	.900001	1.813530
26	.317500	.535864	.911155	1.000000	.874918	1.748680
27	.330200	.535864	.911155	1.000000	.874918	1.748680
28	.342900	.539615	.913400	1.000000	.877566	1.755639
29	.355600	.543741	.915847	1.000000	.880478	1.763260
30	.368300	.544867	.916510	1.000000	.881272	1.765333
31	.381000	.540665	.914025	1.000000	.878307	1.757582
32	.393700	.530012	.907614	1.000000	.870787	1.737766
33	.406400	.516282	.899111	1.000000	.861088	1.711873
34	.419100	.497901	.887024	1.000000	.847818	1.675795
35	.431800	.490023	.881788	1.000000	.842249	1.660422
36	.444500	.484546	.878086	1.000000	.838376	1.649645
37	.457200	.480870	.875572	1.000000	.835775	1.642369
38	.469900	.477269	.873086	1.000000	.833226	1.635208
39	.482600	.474493	.871155	1.000000	.831261	1.629665
40	.495300	.471492	.869051	1.000000	.829137	1.623650
41	.508000	.467966	.866558	1.000000	.826640	1.616552
42	.520700	.465490	.864793	1.000000	.824886	1.611549
43	.533400	.461814	.862152	1.000000	.822281	1.604088

STATION Y= 5.97 CM PTO= 23.659 N/SQ CM TTO=299.33K
R= 2.588 CM PWALL= 2.8792 N/SQ CM CF= .00144 PI[illegible]=2.057
UE= 519.1 M/SEC RHOE=.01887 KG/CUB M RE= 28.086E6 /M
DELTA= .205 CM DELTA*= .0690 CM THETA= .0182 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.121645	.000000	1.000000	.551639	.000000
2	.012700	.201476	.547201	1.000000	.637182	.880542
3	.025400	.219182	.587660	1.000000	.652703	.957095
4	.038100	.239364	.628448	1.000000	.670342	1.037263
5	.050800	.260446	.659018	1.000000	.685032	1.099574
6	.063500	.288355	.698860	1.000000	.706307	1.184018
7	.076200	.320916	.738822	1.000000	.730398	1.272691
8	.088900	.362555	.783130	1.000000	.760857	1.377072
9	.101600	.402469	.820145	1.000000	.789844	1.469376
10	.114300	.454386	.861771	1.000000	.827014	1.579864
11	.127000	.506379	.898266	1.000000	.864332	1.683513
12	.139700	.560397	.931352	1.000000	.902721	1.783865
13	.152400	.612014	.959435	1.000000	.939318	1.874534
14	.165100	.640674	.973763	1.000000	.959609	1.922967
15	.177800	.674510	.989655	1.000000	.983546	1.978575
16	.190500	.693192	.997994	1.000000	.996753	2.008599
17	.203200	.697618	.999927	1.000000	.999882	2.015646
18	.215900	.697093	.999699	1.000000	.999511	2.014811
19	.228600	.693717	.998224	1.000000	.997124	2.009436
20	.241300	.689665	.996443	1.000000	.994261	2.002967
21	.254000	.685089	.994413	1.000000	.991025	1.995634
22	.266700	.680962	.992569	1.000000	.988108	1.988997
23	.279400	.676611	.990608	1.000000	.985031	1.981975
24	.292100	.673085	.989006	1.000000	.982538	1.976265
25	.304800	.668958	.987119	1.000000	.979620	1.969562
26	.317500	.665432	.985494	1.000000	.977126	1.963815
27	.330200	.660180	.983053	1.000000	.973411	1.955224
28	.342900	.654854	.980551	1.000000	.969643	1.946470
29	.355600	.649152	.977844	1.000000	.965609	1.937054
30	.368300	.644425	.975577	1.000000	.962264	1.929213
31	.381000	.641874	.974345	1.000000	.960459	1.924968
32	.393700	.625444	.966253	1.000000	.948828	1.897388
33	.406400	.529862	.913163	1.000000	.881034	1.727690
34	.419100	.475243	.876890	1.000000	.841890	1.621975
35	.431800	.469091	.872516	1.000000	.837505	1.609676
36	.444500	.467516	.871385	1.000000	.836381	1.606510
37	.457200	.462639	.867853	1.000000	.832903	1.596669
38	.469900	.451985	.859976	1.000000	.825300	1.574940
39	.482600	.438481	.849660	1.000000	.815650	1.546924
40	.495300	.423176	.837491	1.000000	.804697	1.514494
41	.508000	.416424	.831950	1.000000	.799858	1.499945
42	.520700	.410797	.827249	1.000000	.795823	1.487701
43	.533400	.407345	.824327	1.000000	.793346	1.480137

STATION X= 6.22 CM PTO= 23.669 N/SQ CM TTO=299.33K

R= 2.588 CM PWALL= 2.6052 N/SQ CM CF= .00183 PT =1.316

UE= 522.0 M/SEC RHOE=.01724 KG/CUB M RE= 26.01066 /M

DELTA= .213 CM DELTA*= .0623 CM THETA= .0170 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.110068	.000000	1.000000	.546560	.000000
2	.012700	.215506	.622901	1.000000	.663251	1.033198
3	.025400	.237864	.658783	1.000000	.680470	1.106809
4	.038100	.255569	.686849	1.000000	.695294	1.166465
5	.050800	.278752	.719751	1.000000	.714365	1.238990
6	.063500	.306437	.754450	1.000000	.736699	1.318869
7	.076200	.337572	.788811	1.000000	.761375	1.401839
8	.088900	.369158	.820237	1.000000	.786496	1.481542
9	.101600	.411172	.856954	1.000000	.819422	1.579929
10	.114300	.445008	.883344	1.000000	.845830	1.654616
11	.127000	.481620	.909511	1.000000	.874623	1.732385
12	.139700	.524610	.936978	1.000000	.908039	1.818475
13	.152400	.559121	.957056	1.000000	.934820	1.884634
14	.165100	.594233	.975925	1.000000	.962033	1.949563
15	.177800	.618692	.988241	1.000000	.980973	1.993505
16	.190500	.633697	.995489	1.000000	.992587	2.019977
17	.203200	.641949	.999380	1.000000	.998973	2.034387
18	.215900	.643225	.999976	1.000000	.999960	2.036604
19	.228600	.641949	.999380	1.000000	.998973	2.034387
20	.241300	.639924	.998431	1.000000	.997405	2.030860
21	.254000	.638273	.997655	1.000000	.996128	2.027981
22	.266700	.635647	.996414	1.000000	.994096	2.023393
23	.279400	.633546	.995417	1.000000	.992471	2.019715
24	.292100	.630771	.994093	1.000000	.990322	2.014843
25	.304800	.628520	.993014	1.000000	.988580	2.010885
26	.317500	.625969	.991784	1.000000	.986606	2.006389
27	.330200	.622893	.990293	1.000000	.984225	2.000954
28	.342900	.620267	.989013	1.000000	.982193	1.996302
29	.355600	.618016	.987910	1.000000	.980450	1.992305
30	.368300	.614415	.985134	1.000000	.977662	1.985894
31	.381000	.612014	.984942	1.000000	.975803	1.981608
32	.393700	.608113	.982993	1.000000	.972782	1.974623
33	.406400	.604512	.981179	1.000000	.969994	1.968153
34	.419100	.600685	.979237	1.000000	.967030	1.961254
35	.431800	.595484	.977086	1.000000	.963776	1.953649
36	.444500	.591382	.974447	1.000000	.959824	1.944375
37	.457200	.587031	.972173	1.000000	.956453	1.936428
38	.469900	.582229	.969638	1.000000	.952732	1.927619
39	.482600	.578553	.967680	1.000000	.949884	1.920847
40	.495300	.573301	.964854	1.000000	.945813	1.911130
41	.508000	.569475	.962774	1.000000	.942847	1.904018
42	.520700	.567599	.961748	1.000000	.941393	1.900521
43	.533400	.530612	.940588	1.000000	.912699	1.830160

ID NO. 12316-029

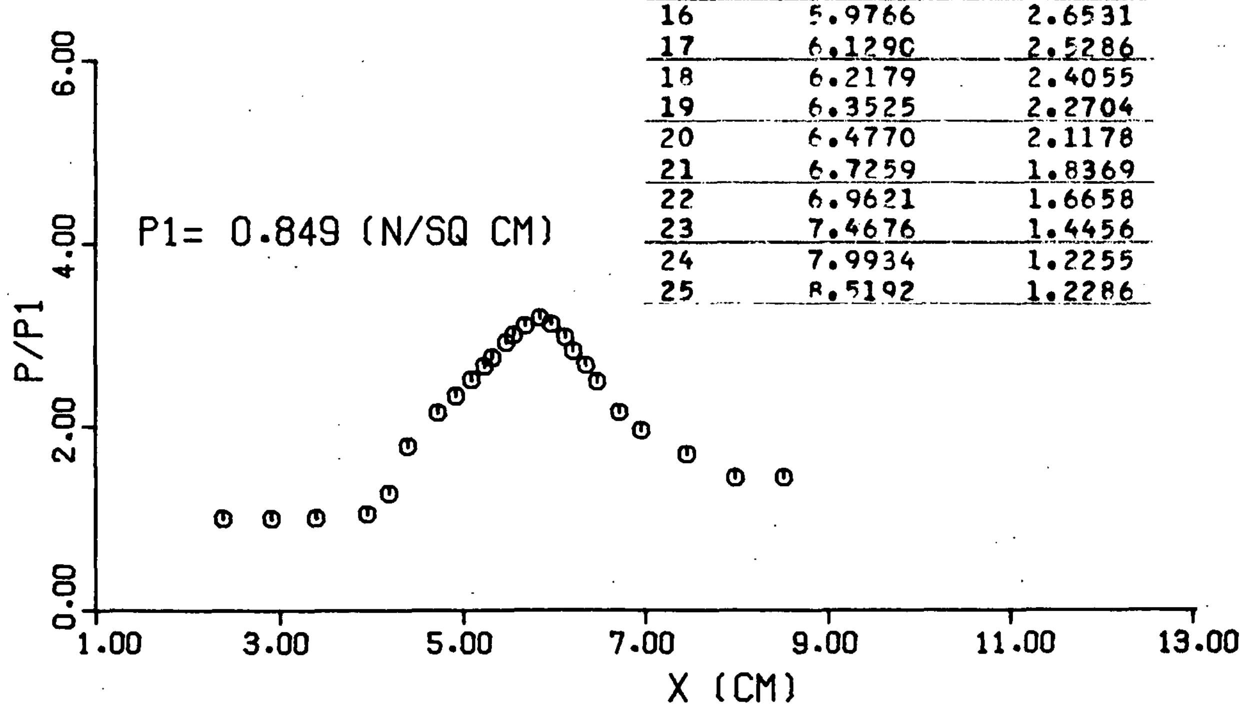
STATION X= 6.48 CM PTO= 23.669 N/SQ CM TTO=299.33K
R= 2.588 CM PWALL= 2.2564 N/SQ CM CF= .00208 PI [illegible]= .851
UE= 534.9 M/SEC RHOE=.01557 KG/CUB M RE= 25.025E6 /M
DELTA= .243 CM DELTA*= .0626 CM THETA= .0168 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.095333	.000000	1.000000	.523910	.000000
2	.012700	.216631	.662050	1.000000	.662066	1.148267
3	.025400	.248142	.712206	1.000000	.690710	1.261697
4	.038100	.265623	.736562	1.000000	.706354	1.319538
5	.050800	.286255	.762544	1.000000	.724467	1.383489
6	.063500	.311313	.791482	1.000000	.746569	1.457731
7	.076200	.328719	.809778	1.000000	.761709	1.506476
8	.088900	.356328	.836507	1.000000	.785638	1.580456
9	.101600	.386038	.862581	1.000000	.811299	1.656121
10	.114300	.412297	.883904	1.000000	.834202	1.720846
11	.127000	.440732	.904923	1.000000	.858676	1.787426
12	.139700	.470517	.925193	1.000000	.884272	1.854499
13	.152400	.496475	.941576	1.000000	.906552	1.910968
14	.165100	.530162	.961272	1.000000	.935433	1.981774
15	.177800	.552219	.973312	1.000000	.954328	2.026760
16	.190500	.572476	.983828	1.000000	.971671	2.067190
17	.203200	.588006	.991750	1.000000	.985288	2.098386
18	.215900	.597609	.996400	1.000000	.993511	2.117003
19	.228600	.603236	.999078	1.000000	.998328	2.127833
20	.241300	.605262	1.000034	1.000000	1.000062	2.131719
21	.254000	.604137	.999504	1.000000	.999099	2.129561
22	.266700	.602486	.998723	1.000000	.997686	2.126393
23	.279400	.599710	.997403	1.000000	.995309	2.121053
24	.292100	.597684	.996436	1.000000	.993575	2.117147
25	.304800	.594758	.995030	1.000000	.991070	2.111493
26	.317500	.592133	.993760	1.000000	.988821	2.106406
27	.330200	.590257	.992849	1.000000	.987215	2.102764
28	.342900	.586731	.991125	1.000000	.984196	2.095901
29	.355600	.583130	.989164	1.000000	.980789	2.088132
30	.368300	.580729	.987973	1.000000	.978735	2.083431
31	.381000	.577353	.986287	1.000000	.975845	2.076803
32	.393700	.574352	.984777	1.000000	.973277	2.070893
33	.406400	.571726	.983447	1.000000	.971029	2.065707
34	.419100	.570375	.982760	1.000000	.969873	2.063035
35	.431800	.570975	.983066	1.000000	.970387	2.064223
36	.444500	.570675	.982913	1.000000	.970130	2.063629
37	.457200	.571651	.983409	1.000000	.970965	2.065559
38	.469900	.572176	.983676	1.000000	.971415	2.066597
39	.482600	.572476	.983828	1.000000	.971671	2.067190
40	.495300	.572476	.983828	1.000000	.971671	2.067190
41	.508000	.573301	.984246	1.000000	.972378	2.068820
42	.520700	.572926	.984056	1.000000	.972057	2.068079
43	.533400	.573676	.984436	1.000000	.972699	2.069560

ID NO. 12316-030

PTO= 23.9615 N/SQ CM
TTO= 300.8889 K
PBAR= 765.3000 MMHG
TMAN= 298.8889 K

I	X(CM)	P(N/SQ CM)
1	2.3876	.8489
2	2.9108	.8489
3	3.3985	.8551
4	3.9573	.8938
5	4.1935	1.0845
6	4.4044	1.5173
7	4.7295	1.8308
8	4.9225	1.9837
9	5.0927	2.1319
10	5.2375	2.2587
11	5.3289	2.3411
12	5.4788	2.4779
13	5.5651	2.5496
14	5.6896	2.6336
15	5.8522	2.7101
16	5.9766	2.6531
17	6.1290	2.5286
18	6.2179	2.4055
19	6.3525	2.2704
20	6.4770	2.1178
21	6.7259	1.8369
22	6.9621	1.6658
23	7.4676	1.4456
24	7.9934	1.2255
25	8.5192	1.2286



ID NO. 12316 -030

ID NO. 12316-031

STATION X= 4.93 CM PTO= 23.962 N/SQ CM TTO=301.56K
R= 2.588 CM PWALL= 1.9837 N/SQ CM CF= .00028 PT =9.009
UE= 574.2 M/SEC RHOE=.01564 KG/CUB M RE= 30.52056 /M
DELTA= .329 CM DELTA*= .1731 CM THETA= .0286 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.082786	.000000	1.000000	.455340	.000000
2	.012700	.088146	.180608	1.000000	.463576	.300730
3	.025400	.090444	.214074	1.000000	.466997	.357767
4	.038100	.093778	.253480	1.000000	.471853	.425821
5	.050800	.098299	.296521	1.000000	.478243	.501487
6	.063500	.103857	.339383	1.000000	.485818	.578504
7	.076200	.111268	.385665	1.000000	.495479	.663900
8	.088900	.120309	.431256	1.000000	.506663	.750714
9	.101600	.136464	.494294	1.000000	.525236	.876077
10	.114300	.153435	.544746	1.000000	.543124	.981801
11	.127000	.172333	.587520	1.000000	.560768	1.075955
12	.139700	.191378	.625197	1.000000	.578498	1.162914
13	.152400	.217983	.669700	1.000000	.602524	1.271297
14	.165100	.242142	.704458	1.000000	.624004	1.360907
15	.177800	.264226	.732732	1.000000	.643523	1.437497
16	.190500	.296167	.768560	1.000000	.671318	1.540005
17	.203200	.324254	.796378	1.000000	.695636	1.624389
18	.215900	.353600	.822688	1.000000	.721198	1.708607
19	.228600	.391173	.852408	1.000000	.753562	1.809618
20	.241300	.420001	.872881	1.000000	.778343	1.883303
21	.254000	.461724	.899534	1.000000	.814151	1.984953
22	.266700	.505447	.924307	1.000000	.851624	2.086027
23	.279400	.546873	.945472	1.000000	.887396	2.178146
24	.292100	.590671	.965458	1.000000	.924891	2.270692
25	.304800	.624612	.979605	1.000000	.953931	2.339855
26	.317500	.654478	.991201	1.000000	.979473	2.399042
27	.330200	.681157	1.000952	1.000000	1.002284	2.450689
28	.342900	.696719	1.006395	1.000000	1.015587	2.480315
29	.355600	.705686	1.009454	1.000000	1.023251	2.497223
30	.368300	.711763	1.011495	1.000000	1.028445	2.508616
31	.381000	.711541	1.011421	1.000000	1.028255	2.508200
32	.393700	.703093	1.008575	1.000000	1.021034	2.492344
33	.406400	.681898	1.001215	1.000000	1.002917	2.452108
34	.419100	.638174	.984964	1.000000	.965530	2.366918
35	.431800	.589856	.965104	1.000000	.924193	2.269004
36	.444500	.568068	.955404	1.000000	.905544	2.223421
37	.457200	.559842	.951610	1.000000	.898501	2.205961
38	.469900	.555915	.949771	1.000000	.895138	2.197575
39	.482600	.554951	.949317	1.000000	.894313	2.195513
40	.495300	.555470	.949562	1.000000	.894757	2.196623
41	.508000	.555470	.949562	1.000000	.894757	2.196623
42	.520700	.555470	.949562	1.000000	.894757	2.196623
43	.533400	.557397	.950467	1.000000	.896407	2.200743

ID NO. 12316-032

STATION X= 5.69 CM PTO= 23.962 N/SQ CM TTO=301.56K
R= 2.588 CM PWALL= 2.6336 N/SQ CM CF= .00064 PT =5.155
UE= 528.7 M/SEC RHOE=.01756 KG/CUB M RE= 27.040E6 /M
DELTA= .248 CM DELTA*= .1095 CM THETA= .0244 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.109907	.000000	1.000000	.538224	.000000
2	.012700	.132833	.337802	1.000000	.568162	.527373
3	.025400	.138169	.370222	1.000000	.574591	.581248
4	.038100	.146395	.412681	1.000000	.584164	.653283
5	.050800	.156992	.457987	1.000000	.595946	.732278
6	.063500	.169072	.500738	1.000000	.608703	.809157
7	.076200	.185598	.548713	1.000000	.625140	.898573
8	.088900	.206645	.597862	1.000000	.644623	.994198
9	.101600	.237251	.652401	1.000000	.669886	1.105947
10	.114300	.267191	.697934	1.000000	.694426	1.204611
11	.127000	.303207	.744359	1.000000	.723279	1.311156
12	.139700	.348413	.793432	1.000000	.758814	1.431517
13	.152400	.397250	.838143	1.000000	.796649	1.549427
14	.165100	.435045	.868378	1.000000	.825771	1.634399
15	.177800	.486476	.904959	1.000000	.865551	1.743792
16	.190500	.524789	.929052	1.000000	.894917	1.820333
17	.203200	.569254	.954377	1.000000	.928937	1.905165
18	.215900	.606604	.973773	1.000000	.957475	1.973517
19	.228600	.637063	.988431	1.000000	.980727	2.027504
20	.241300	.654626	.996551	1.000000	.994127	2.057975
21	.254000	.668336	1.002656	1.000000	1.004584	2.081442
22	.266700	.673301	1.004826	1.000000	1.008371	2.089875
23	.279400	.669744	1.003273	1.000000	1.005658	2.083837
24	.292100	.663223	1.000398	1.000000	1.000684	2.072721
25	.304800	.653070	.995848	1.000000	.992940	2.055293
26	.317500	.639138	.989449	1.000000	.982310	2.031128
27	.330200	.624983	.982760	1.000000	.971507	2.006271
28	.342900	.614756	.977802	1.000000	.963700	1.988114
29	.355600	.606975	.973958	1.000000	.957758	1.974183
30	.368300	.600009	.970462	1.000000	.952438	1.961625
31	.381000	.594006	.967407	1.000000	.947853	1.950738
32	.393700	.586669	.963618	1.000000	.942247	1.937345
33	.406400	.578592	.959377	1.000000	.936074	1.922488
34	.419100	.572589	.956175	1.000000	.931486	1.911370
35	.431800	.567327	.953333	1.000000	.927464	1.901570
36	.444500	.562288	.950579	1.000000	.923611	1.892135
37	.457200	.558731	.948616	1.000000	.920890	1.885445
38	.469900	.558138	.948288	1.000000	.920437	1.884328
39	.482600	.557767	.948082	1.000000	.920154	1.883629
40	.495300	.557249	.947794	1.000000	.919757	1.882651
41	.508000	.559620	.949108	1.000000	.921571	1.887120
42	.520700	.564882	.952000	1.000000	.925594	1.896997
43	.533400	.571848	.955776	1.000000	.930920	1.909993

ID NO. 12316-033

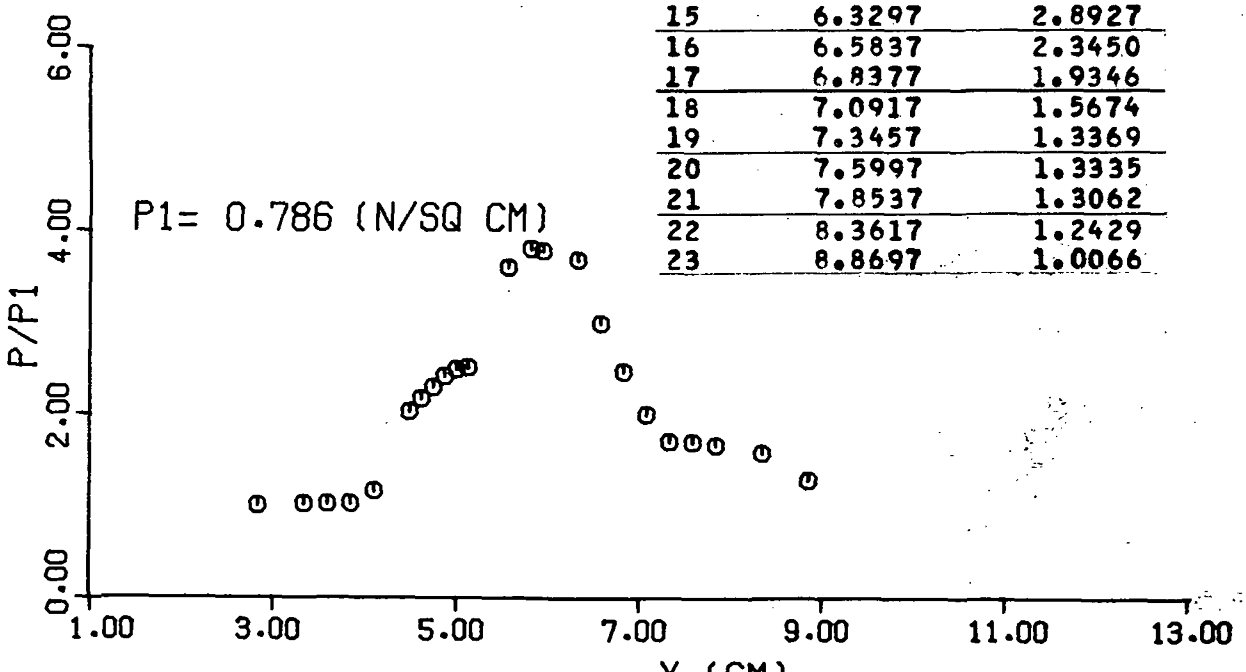
STATION X= 5.97 CM PTO= 23.962 N/SQ CM TTO=301.56K
R= 2.588 CM PWALL= 2.6531 N/SQ CM CF= .00100 PI =3.309
UE= 523.9 M/SEC RHOE=.01742 KG/CUB M RE= 26.209E6 /M
DELTA= .240 CM DELTA*= .0934 CM THETA= .0230 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.110722	.000000	1.000000	.546609	.000000
2	.012700	.158104	.461994	1.000000	.605173	.731912
3	.025400	.162402	.478171	1.000000	.609828	.760449
4	.038100	.172184	.511284	1.000000	.620105	.819931
5	.050800	.183671	.544936	1.000000	.631653	.881999
6	.063500	.196640	.577756	1.000000	.644087	.944277
7	.076200	.221985	.631122	1.000000	.667079	1.049748
8	.088900	.247182	.671774	1.000000	.687218	1.134104
9	.101600	.275046	.712330	1.000000	.709934	1.222286
10	.114300	.316917	.764407	1.000000	.743610	1.342394
11	.127000	.356342	.805998	1.000000	.774824	1.444836
12	.139700	.398806	.844676	1.000000	.807977	1.546225
13	.152400	.441492	.878801	1.000000	.841131	1.641366
14	.165100	.489292	.912764	1.000000	.878422	1.742179
15	.177800	.529606	.938158	1.000000	.909571	1.822120
16	.190500	.564363	.958171	1.000000	.936383	1.888220
17	.203200	.602602	.978451	1.000000	.965845	1.958284
18	.215900	.623797	.988991	1.000000	.982161	1.996027
19	.228600	.640472	.996961	1.000000	.994991	2.025212
20	.241300	.647438	1.000211	1.000000	1.000350	2.037278
21	.254000	.648623	1.000760	1.000000	1.001262	2.039325
22	.266700	.647808	1.000383	1.000000	1.000635	2.037918
23	.279400	.646326	.999695	1.000000	.999495	2.035358
24	.292100	.642324	.997830	1.000000	.996417	2.028429
25	.304800	.638026	.995809	1.000000	.993110	2.020959
26	.317500	.633283	.993558	1.000000	.989461	2.012683
27	.330200	.628763	.991393	1.000000	.985982	2.004763
28	.342900	.624612	.989387	1.000000	.982788	1.997464
29	.355600	.620092	.987182	1.000000	.979309	1.989482
30	.368300	.616238	.985286	1.000000	.976343	1.982651
31	.381000	.612088	.983227	1.000000	.973148	1.975267
32	.393700	.609198	.981782	1.000000	.970923	1.970109
33	.406400	.604529	.979429	1.000000	.967329	1.961746
34	.419100	.593043	.973539	1.000000	.958483	1.941012
35	.431800	.576887	.965003	1.000000	.946036	1.911459
36	.444500	.566512	.959357	1.000000	.938040	1.892229
37	.457200	.559249	.955326	1.000000	.932441	1.878647
38	.469900	.555989	.953495	1.000000	.929926	1.872516
39	.482600	.554729	.952784	1.000000	.928955	1.870141
40	.495300	.553543	.952112	1.000000	.928040	1.867903
41	.508000	.551172	.950764	1.000000	.926211	1.863420
42	.520700	.549986	.950087	1.000000	.925297	1.861174
43	.533400	.549986	.950087	1.000000	.925297	1.861174

ID NO. 13316-001

PTO=	23.5007 N/SQ CM
TTO=	297.0000 K
PBAR=	751.3000 MMHG
TMAN=	297.0000 K

I	X(CM)	P(N/SQ CM)
1	2.8499	.7861
2	3.3579	.7974
3	3.6119	.7987
4	3.8659	.8028
5	4.1199	.9126
6	4.5009	1.5869
7	4.6279	1.7021
8	4.7549	1.7979
9	4.8819	1.8885
10	5.0089	1.9483
11	5.1359	1.9641
12	5.5677	2.8233
13	5.8217	2.9878
14	5.9487	2.9669
15	6.3297	2.8927
16	6.5837	2.3450
17	6.8377	1.9346
18	7.0917	1.5674
19	7.3457	1.3369
20	7.5997	1.3335
21	7.8537	1.3062
22	8.3617	1.2429
23	8.8697	1.0066

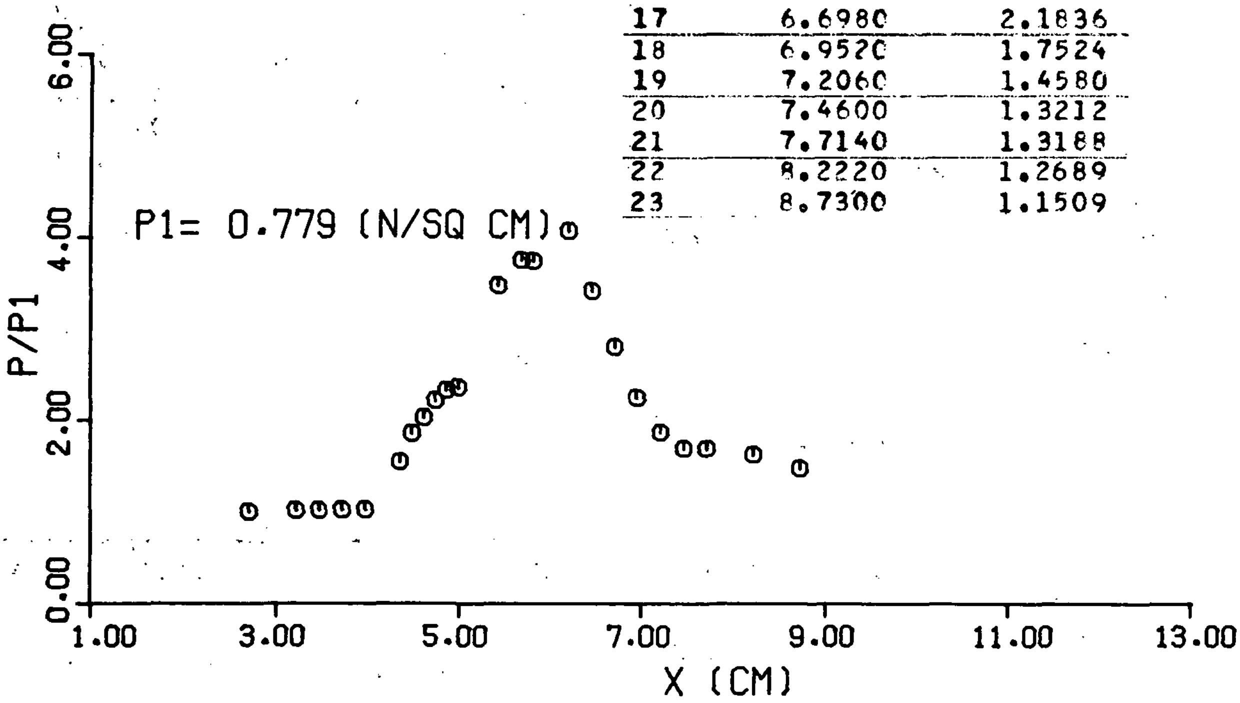


ID NO. 13316 -001

ID NO. 13316-002

PTO= 23.5007 N/SQ CM
TTO= 297.0000 K
PBAR= 751.3000 MMHG
TMAN= 297.0000 K

I	X(CM)	P(N/SQ CM)
1	2.7102	.7786
2	3.2182	.7905
3	3.4722	.7916
4	3.7262	.7946
5	3.9802	.7977
6	4.3612	1.2033
7	4.4882	1.4464
8	4.6152	1.5804
9	4.7422	1.7254
10	4.8692	1.8122
11	4.9962	1.8372
12	5.4280	2.7037
13	5.6820	2.9194
14	5.8090	2.9122
15	6.1900	3.1677
16	6.4440	2.6561
17	6.6980	2.1836
18	6.9520	1.7524
19	7.2060	1.4580
20	7.4600	1.3212
21	7.7140	1.3188
22	8.2220	1.2689
23	8.7300	1.1509

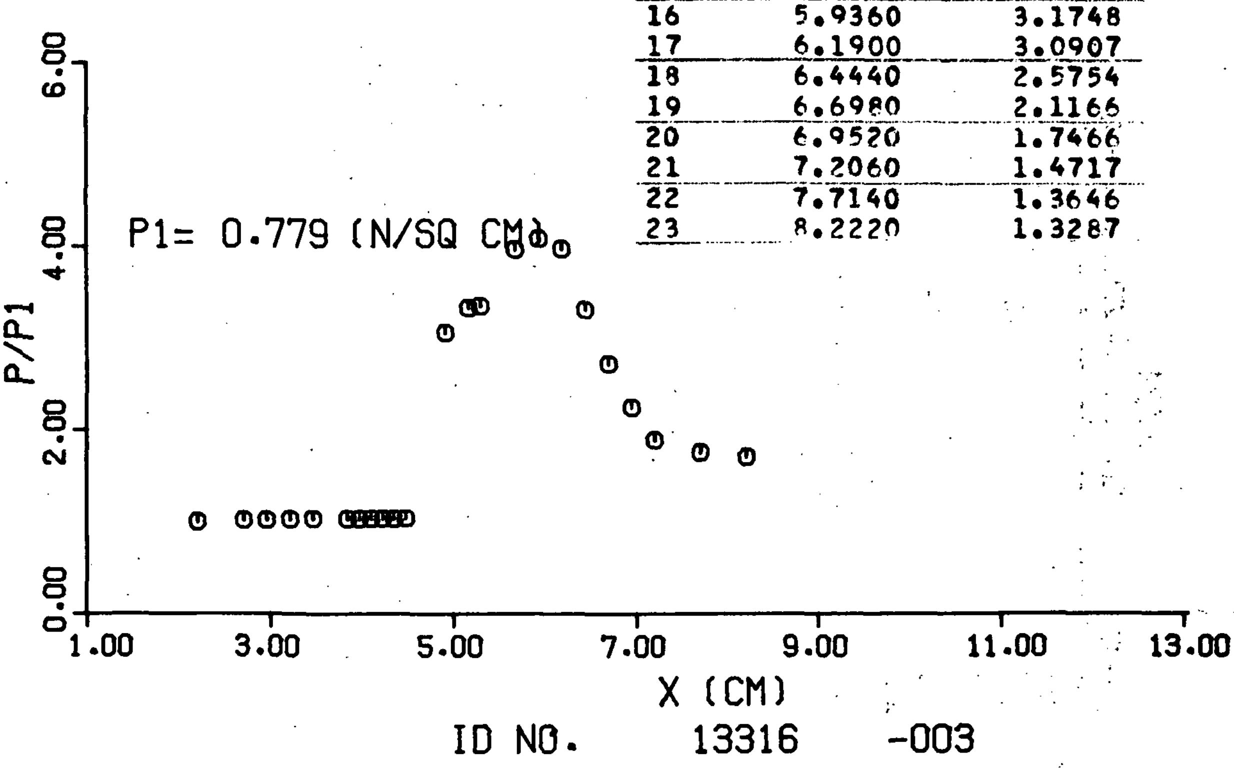


ID NO. 13316 -002

ID NO. 13316-003

PTO=	23.5007 N/SQ CM
TTO=	297.0000 K
PBAR=	751.3000 MMHG
TMAN=	297.0000 K

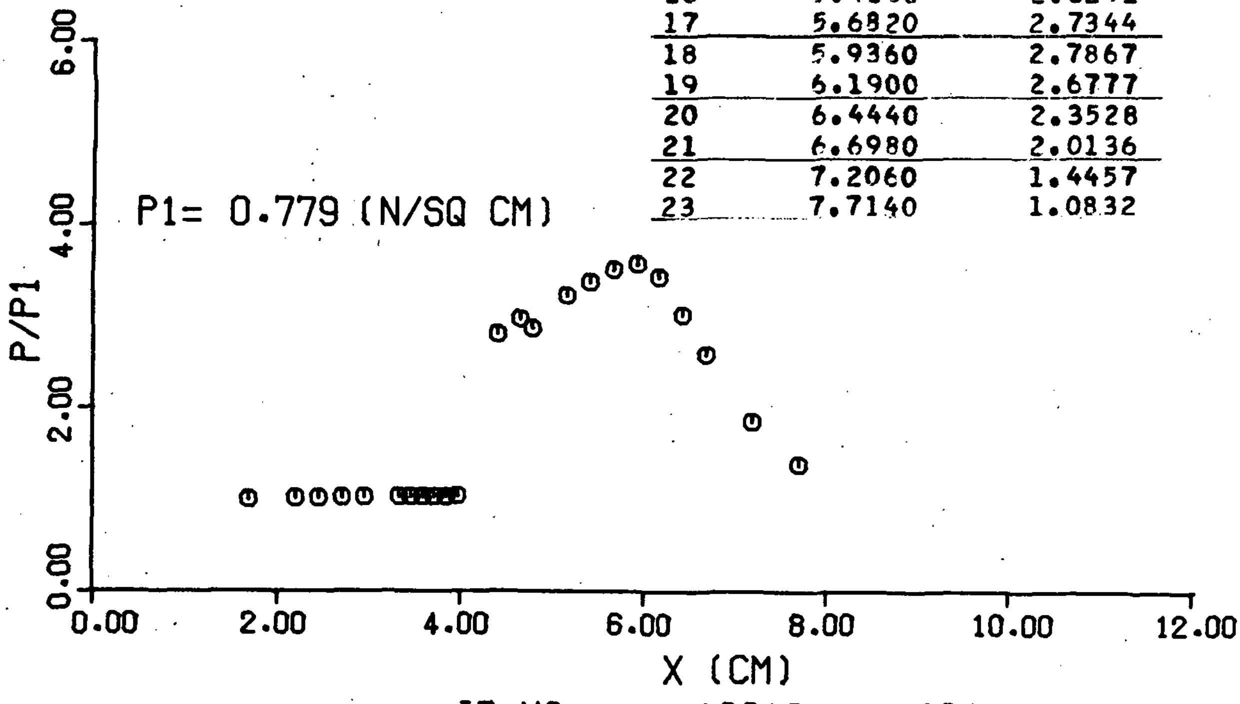
I	X(CM)	P(N/SQ CM)
1	2.2022	.7789
2	2.7102	.7909
3	2.9642	.7926
4	3.2182	.7970
5	3.4722	.8035
6	3.8532	.8011
7	3.9802	.8022
8	4.1072	.8025
9	4.2342	.8049
10	4.3612	.8052
11	4.4882	.8076
12	4.9200	2.3764
13	5.1740	2.5881
14	5.3010	2.6052
15	5.6820	3.0835
16	5.9360	3.1748
17	6.1900	3.0907
18	6.4440	2.5754
19	6.6980	2.1166
20	6.9520	1.7466
21	7.2060	1.4717
22	7.7140	1.3646
23	8.2220	1.3287



ID NO. 13316-004

PTO= 23.5007 N/SQ CM
TTO= 297.0000 K
PBAR= 751.3000 MMHG
TMAN= 297.0000 K

I	X(CM)	P(N/SQ CM)
1	1.6942	.7789
2	2.2022	.7909
3	2.4562	.7919
4	2.7102	.7950
5	2.9642	.7967
6	3.3452	.8015
7	3.4722	.8025
8	3.5992	.8028
9	3.7262	.8052
10	3.8532	.8049
11	3.9802	.8087
12	4.4120	2.1849
13	4.6660	2.3142
14	4.7930	2.2362
15	5.1740	2.5146
16	5.4280	2.6291
17	5.6820	2.7344
18	5.9360	2.7867
19	6.1900	2.6777
20	6.4440	2.3528
21	6.6980	2.0136
22	7.2060	1.4457
23	7.7140	1.0832

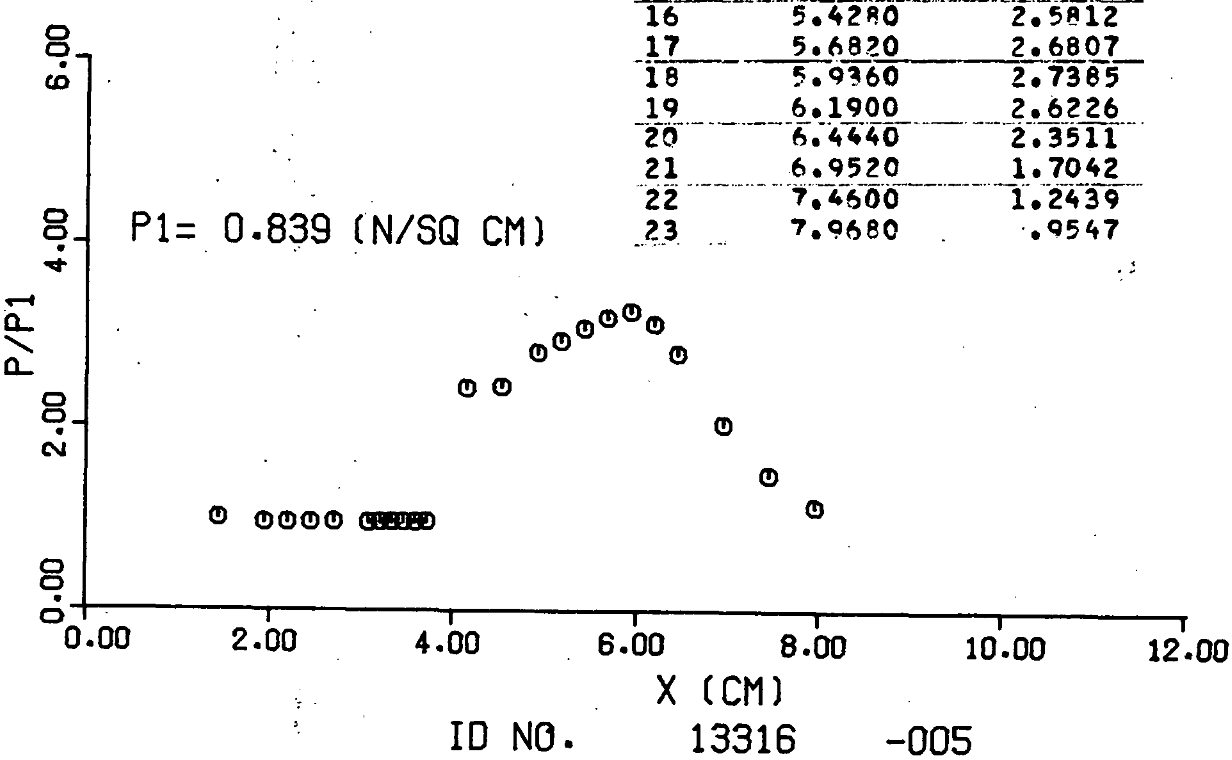


ID NO. 13316 -004

ID NO. 13316-005

PTO= 23.5007 N/SQ CM
TTO= 297.0000 K
PBAR= 751.3000 MMHG
TMAN= 297.0000 K

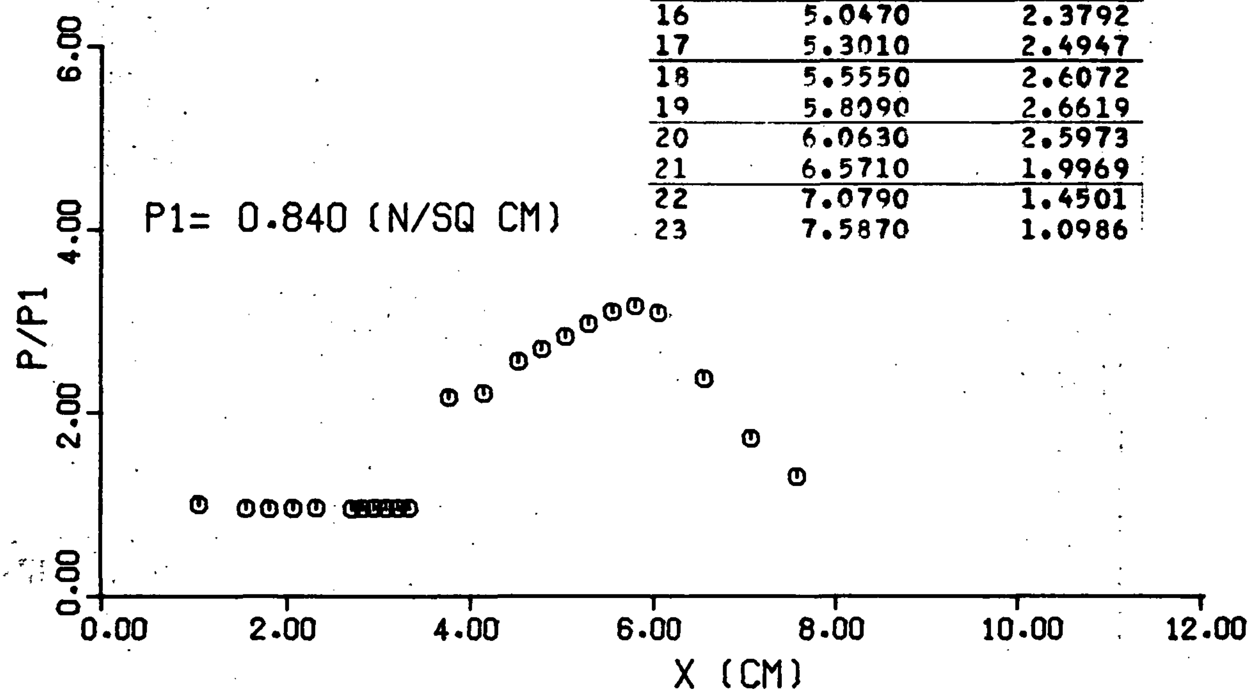
I	X(CM)	P(N/SQ CM)
1	1.4402	.8394
2	1.9482	.8025
3	2.2022	.8015
4	2.4562	.8022
5	2.7102	.8052
6	3.0912	.8018
7	3.2182	.8049
8	3.3452	.8056
9	3.4722	.8066
10	3.5992	.8063
11	3.7262	.8093
12	4.1580	2.0311
13	4.5390	2.0451
14	4.9200	2.3604
15	5.1740	2.4684
16	5.4280	2.5812
17	5.6820	2.6807
18	5.9360	2.7385
19	6.1900	2.6226
20	6.4440	2.3511
21	6.9520	1.7042
22	7.4600	1.2439
23	7.9680	.9547



ID NO. 13316-006

PTO=	23.5007 N/SQ CM
TTO=	297.0000 K
PBAR=	751.3000 MMHG
TMAN=	297.0000 K

I	X(CM)	P(N/SQ CM)
1	1.0592	.8398
2	1.5672	.8022
3	1.8212	.8011
4	2.0752	.8015
5	2.3292	.8049
6	2.7102	.8011
7	2.8372	.8035
8	2.9642	.8046
9	3.0912	.8063
10	3.2182	.8056
11	3.3452	.8087
12	3.7770	1.8201
13	4.1580	1.8604
14	4.5390	2.1494
15	4.7930	2.2629
16	5.0470	2.3792
17	5.3010	2.4947
18	5.5550	2.6072
19	5.8090	2.6619
20	6.0630	2.5973
21	6.5710	1.9969
22	7.0790	1.4501
23	7.5870	1.0986

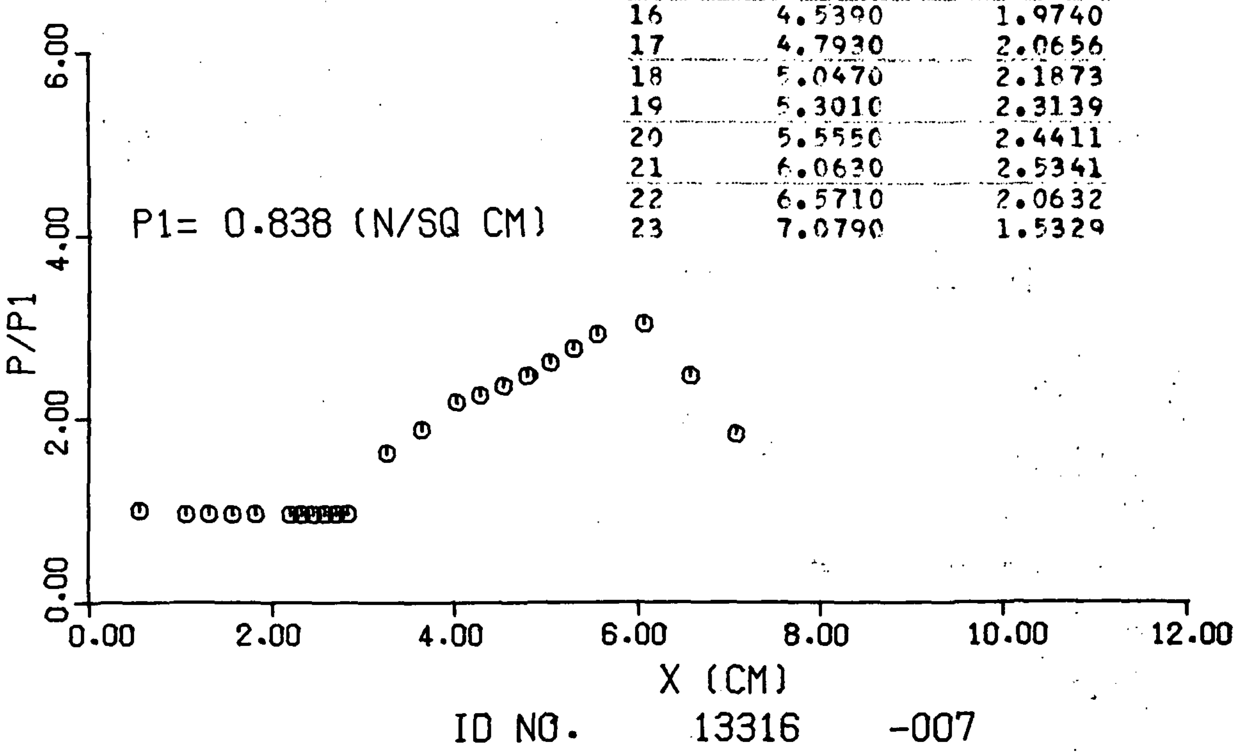


ID NO. 13316 -006

ID NO. 13316-007

PTO= 23.5007 N/SQ CM
TTO= 297.0000 K
PBAR= 751.3000 MMHG
TMAN= 297.0000 K

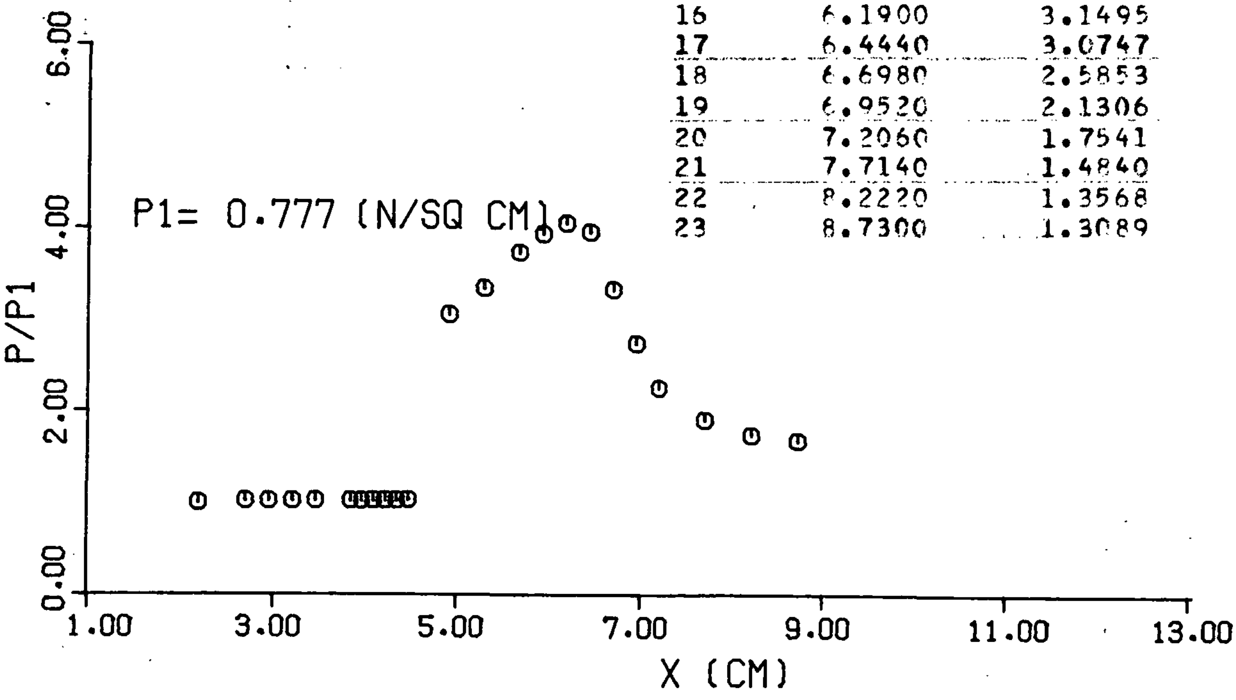
I	X(CM)	P(N/SQ CM)
1	.5512	.8381
2	1.0592	.8011
3	1.3132	.7998
4	1.5672	.8005
5	1.8212	.8032
6	2.2022	.7998
7	2.3292	.8022
8	2.4562	.8028
9	2.5832	.8042
10	2.7102	.8035
11	2.8372	.8073
12	3.2690	1.3599
13	3.6500	1.5749
14	4.0310	1.8225
15	4.2850	1.8919
16	4.5390	1.9740
17	4.7930	2.0656
18	5.0470	2.1873
19	5.3010	2.3139
20	5.5550	2.4411
21	6.0630	2.5341
22	6.5710	2.0632
23	7.0790	1.5329



ID NO. 13316-008

PTO=	23.4789 N/SQ CM
TTO=	298.6667 K
PBAR=	749.8000 MMHG
TMAN=	298.3889 K

I	X(CM)	P(N/SQ CM)
1	2.2022	.7772
2	2.7102	.7929
3	2.9642	.7919
4	3.2182	.7936
5	3.4722	.7960
6	3.8532	.7933
7	3.9802	.7943
8	4.1072	.7953
9	4.2342	.7970
10	4.3612	.7970
11	4.4882	.8008
12	4.9200	2.3710
13	5.3010	2.5956
14	5.6820	2.9003
15	5.9360	3.0579
16	6.1900	3.1495
17	6.4440	3.0747
18	6.6980	2.5853
19	6.9520	2.1306
20	7.2060	1.7541
21	7.7140	1.4840
22	8.2220	1.3568
23	8.7300	1.3089



ID NO. 13316 -008

STATION X= 2.96 CM PTO= 23.482 N/SQ CM TTO=298.67K
R= 2.576 CM PWALL= .7919 N/SQ CM CF= .00195 PT = .633
UE= 608.7 M/SEC RHOE=.00751 KG/CUB M RE= 18.594E6 /M
DELTA= .355 CM DELTA*= .1009 CM THETA= .0192 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.033724	.000000	1.000000	.382338	.000000
2	.012700	.087519	.624202	1.000000	.503195	1.259231
3	.025400	.110307	.695200	1.000000	.544729	1.459191
4	.038100	.127807	.738220	1.000000	.576026	1.593379
5	.050800	.141286	.766938	1.000000	.600290	1.689743
6	.063500	.154021	.790940	1.000000	.622809	1.775142
7	.076200	.164447	.808815	1.000000	.641283	1.841985
8	.088900	.174724	.825085	1.000000	.659468	1.905496
9	.101600	.183958	.838695	1.000000	.675792	1.960753
10	.114300	.194980	.853828	1.000000	.695258	2.024677
11	.127000	.204512	.866043	1.000000	.712080	2.078337
12	.139700	.217172	.881312	1.000000	.734657	2.148247
13	.152400	.228044	.893375	1.000000	.753836	2.205894
14	.165100	.242492	.908253	1.000000	.779306	2.280201
15	.177800	.253513	.918811	1.000000	.798728	2.335274
16	.190500	.265950	.929987	1.000000	.820636	2.395877
17	.203200	.276301	.938748	1.000000	.838865	2.445160
18	.215900	.289408	.949198	1.000000	.861941	2.506155
19	.228600	.300504	.957533	1.000000	.881471	2.556643
20	.241300	.311600	.965437	1.000000	.900998	2.606143
21	.254000	.322026	.972502	1.000000	.919342	2.651804
22	.266700	.331558	.978785	1.000000	.936413	2.693600
23	.279400	.341910	.985200	1.000000	.954632	2.737504
24	.292100	.348910	.989379	1.000000	.966952	2.766796
25	.304800	.354197	.992454	1.000000	.976256	2.788716
26	.317500	.359410	.995419	1.000000	.985429	2.810159
27	.330200	.363506	.997704	1.000000	.992636	2.826892
28	.342900	.365815	.998976	1.000000	.996598	2.836279
29	.355600	.367751	1.000033	1.000000	1.000105	2.844129
30	.368300	.369985	1.001242	1.000000	1.004036	2.853158
31	.381000	.370581	1.001562	1.000000	1.005094	2.855562
32	.393700	.371102	1.001842	1.000000	1.006002	2.857653
33	.406400	.371623	1.002122	1.000000	1.006919	2.859762
34	.419100	.371921	1.002281	1.000000	1.007443	2.860961
35	.431800	.371549	1.002082	1.000000	1.006788	2.859462
36	.444500	.372219	1.002440	1.000000	1.007967	2.862160
37	.457200	.372145	1.002400	1.000000	1.007836	2.861860
38	.469900	.372368	1.002520	1.000000	1.008229	2.862759
39	.482600	.372666	1.002679	1.000000	1.008753	2.863956
40	.495300	.372740	1.002718	1.000000	1.008884	2.864256
41	.508000	.373038	1.002877	1.000000	1.009408	2.865453
42	.520700	.373187	1.002956	1.000000	1.009670	2.866051
43	.546100	.373857	1.003312	1.000000	1.010849	2.868742

ID NO. 13316-010

STATION X= 3.47 CM PTO= 23.482 N/SQ CM TTO=298.67K
R= 2.576 CM PWALL= .7960 N/SQ CM CF= .00191 PT' = .639
UE= 609.6 M/SEC RHOE=.00759 KG/CUB M RE= 18.999E6 /M
DELTA= .380 CM DELTA*= .1075 CM THETA= .0204 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.033898	.000000	1.000000	.390199	.000000
2	.012700	.087817	.622722	1.000000	.500491	1.257761
3	.025400	.107179	.683813	1.000000	.535355	1.428446
4	.038100	.126318	.732266	1.000000	.569455	1.577627
5	.050800	.140616	.763012	1.000000	.594842	1.680110
6	.063500	.152383	.785398	1.000000	.615532	1.759222
7	.076200	.162510	.803007	1.000000	.633307	1.824450
8	.088900	.172787	.819515	1.000000	.651317	1.888247
9	.101600	.181575	.832669	1.000000	.666701	1.941079
10	.114300	.191628	.846748	1.000000	.684286	1.999762
11	.127000	.202278	.860650	1.000000	.702898	2.060052
12	.139700	.211810	.872465	1.000000	.719786	2.113271
13	.152400	.224172	.886577	1.000000	.741381	2.179428
14	.165100	.233853	.896918	1.000000	.758284	2.229843
15	.177800	.246215	.909308	1.000000	.779859	2.292581
16	.190500	.255822	.918363	1.000000	.796619	2.340156
17	.203200	.267663	.928895	1.000000	.817269	2.397479
18	.215900	.277493	.937157	1.000000	.834408	2.444034
19	.228600	.288440	.945886	1.000000	.853490	2.494845
20	.241300	.300132	.954703	1.000000	.873866	2.547981
21	.254000	.314058	.964584	1.000000	.898129	2.609846
22	.266700	.323813	.971136	1.000000	.915123	2.652317
23	.279400	.332303	.976717	1.000000	.930209	2.689456
24	.292100	.344293	.984105	1.000000	.951102	2.740062
25	.304800	.348016	.986323	1.000000	.957590	2.755587
26	.317500	.355463	.990654	1.000000	.970565	2.786377
27	.330200	.360751	.993649	1.000000	.979774	2.808031
28	.342900	.364474	.995719	1.000000	.986263	2.823180
29	.355600	.368049	.997676	1.000000	.992490	2.837647
30	.368300	.370655	.999086	1.000000	.997031	2.848148
31	.381000	.372517	1.000084	1.000000	1.000274	2.855626
32	.393700	.373560	1.000639	1.000000	1.002090	2.859805
33	.406400	.374304	1.001035	1.000000	1.003387	2.862786
34	.419100	.374453	1.001114	1.000000	1.003646	2.863382
35	.431800	.374751	1.001271	1.000000	1.004165	2.864573
36	.444500	.374751	1.001271	1.000000	1.004165	2.864573
37	.457200	.374751	1.001271	1.000000	1.004165	2.864573
38	.469900	.374900	1.001350	1.000000	1.004425	2.865169
39	.482600	.374677	1.001232	1.000000	1.004036	2.864275
40	.495300	.374900	1.001350	1.000000	1.004425	2.865169
41	.508000	.374826	1.001311	1.000000	1.004295	2.864871
42	.520700	.374677	1.001232	1.000000	1.004036	2.864275
43	.546100	.374230	1.000995	1.000000	1.003257	2.862488

ID NO. 13316-011

STATION X= 3.98 CM PTO= 23.482 N/SQ CM TTO=298.67K
R= 2.576 CM PWALL= .7943 N/SQ CM CF= .00190 PT[illegible]= .653
UE= 610.1 M/SEC RHOE=.00759 KG/CUB M RE= 18.970E6 /M
DELTA= .375 CM DELTA*= .1072 CM THETA= .0203 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.033826	.000000	1.000000	.379230	.000000
2	.012700	.088264	.624488	1.000000	.500364	1.263764
3	.025400	.106509	.682049	1.000000	.533208	1.424829
4	.038100	.125350	.730098	1.000000	.566774	1.572479
5	.050800	.140095	.761977	1.000000	.592940	1.678595
6	.063500	.152383	.785377	1.000000	.614538	1.761374
7	.076200	.161766	.801717	1.000000	.630999	1.821942
8	.088900	.172117	.818412	1.000000	.649134	1.886417
9	.101600	.180011	.830307	1.000000	.662949	1.934093
10	.114300	.190884	.845635	1.000000	.681960	1.997842
11	.127000	.201235	.859209	1.000000	.700044	2.056650
12	.139700	.212852	.873553	1.000000	.720567	2.121414
13	.152400	.226108	.888526	1.000000	.743712	2.192156
14	.165100	.235417	.898353	1.000000	.759957	2.240476
15	.177800	.246960	.909828	1.000000	.780093	2.298959
16	.190500	.256790	.919035	1.000000	.797234	2.347598
17	.203200	.271386	.931839	1.000000	.822678	2.417992
18	.215900	.282333	.940826	1.000000	.841755	2.469454
19	.228600	.289482	.946433	1.000000	.854210	2.502485
20	.241300	.302589	.956218	1.000000	.877042	2.561923
21	.254000	.314802	.964804	1.000000	.898311	2.616081
22	.266700	.324260	.971127	1.000000	.914780	2.657256
23	.279400	.332824	.976735	1.000000	.929989	2.694724
24	.292100	.343474	.983289	1.000000	.948539	2.739728
25	.304800	.351591	.988086	1.000000	.962676	2.773537
26	.317500	.357325	.991378	1.000000	.972563	2.797172
27	.330200	.363134	.994633	1.000000	.982778	2.820912
28	.342900	.366783	.996638	1.000000	.989132	2.835722
29	.355600	.370208	.998494	1.000000	.995098	2.849556
30	.368300	.372070	.999492	1.000000	.998339	2.857046
31	.381000	.373857	1.000443	1.000000	1.001451	2.864218
32	.393700	.375719	1.001426	1.000000	1.004693	2.871669
33	.406400	.376762	1.001973	1.000000	1.006508	2.875833
34	.419100	.376985	1.002090	1.000000	1.006897	2.876725
35	.431800	.377060	1.002129	1.000000	1.007027	2.877022
36	.444500	.377134	1.002168	1.000000	1.007157	2.877319
37	.457200	.376687	1.001934	1.000000	1.006379	2.875536
38	.469900	.376613	1.001895	1.000000	1.006249	2.875239
39	.482600	.376687	1.001934	1.000000	1.006379	2.875536
40	.495300	.376985	1.002090	1.000000	1.006897	2.876725
41	.508000	.377209	1.002207	1.000000	1.007286	2.877616
42	.520700	.377209	1.002207	1.000000	1.007286	2.877616
43	.546100	.414220	1.020236	1.000000	1.071720	3.021624

ID NO. 13316-012

STATION X= 4.23 CM PTO= 23.482 N/SQ CM TTO=298.67K
R= 2.576 CM PWALL= .7970 N/SQ CM CF= .00186 PI = .729
UE= 608.9 M/SEC RHOE=.00757 KG/CUB M RE= 18.7475E6 /M
DELTA= .371 CM DELTA*= .1094 CM THETA= .0203 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.033942	.000000	1.000000	.381754	.000000
2	.012700	.088561	.625740	1.000000	.503683	1.263707
3	.025400	.098540	.656938	1.000000	.521837	1.354521
4	.038100	.119094	.715713	1.000000	.558686	1.522289
5	.050800	.133914	.749556	1.000000	.584931	1.631287
6	.063500	.146574	.775240	1.000000	.607466	1.719376
7	.076200	.157595	.795295	1.000000	.626891	1.791798
8	.088900	.166308	.809927	1.000000	.642206	1.846958
9	.101600	.175915	.824986	1.000000	.659082	1.905857
10	.114300	.187086	.841227	1.000000	.678685	1.972065
11	.127000	.196990	.854612	1.000000	.696050	2.028912
12	.139700	.207267	.867600	1.000000	.714056	2.086218
13	.152400	.219553	.882555	1.000000	.736342	2.155041
14	.165100	.231396	.895158	1.000000	.756555	2.215613
15	.177800	.242641	.906644	1.000000	.776238	2.273045
16	.190500	.253066	.916661	1.000000	.794479	2.325005
17	.203200	.264833	.927303	1.000000	.815959	2.382266
18	.215900	.278014	.938469	1.000000	.838106	2.444801
19	.228600	.288589	.946902	1.000000	.856591	2.493823
20	.241300	.301025	.956274	1.000000	.878325	2.550257
21	.254000	.310855	.963298	1.000000	.895500	2.593986
22	.266700	.321281	.970436	1.000000	.913713	2.639566
23	.279400	.330441	.976380	1.000000	.929713	2.678967
24	.292100	.338707	.981675	1.000000	.944456	2.714767
25	.304800	.346756	.986545	1.000000	.958510	2.748459
26	.317500	.353304	.990392	1.000000	.969960	2.775607
27	.330200	.358144	.993166	1.000000	.978417	2.795489
28	.342900	.364847	.996916	1.000000	.990126	2.822786
29	.355600	.366187	.997654	1.000000	.992468	2.828213
30	.368300	.370134	.999803	1.000000	.999362	2.844133
31	.381000	.371549	1.000565	1.000000	1.001834	2.849819
32	.393700	.372859	1.001283	1.000000	1.004176	2.855195
33	.406400	.373560	1.001641	1.000000	1.005347	2.857879
34	.419100	.406997	1.018334	1.000000	1.063747	2.988706
35	.431800	.500606	1.055608	1.000000	1.227177	3.327595
36	.444500	.507085	1.057782	1.000000	1.238486	3.349776
37	.457200	.508202	1.058153	1.000000	1.240436	3.353586
38	.469900	.509468	1.058571	1.000000	1.242646	3.357898
39	.482600	.511255	1.059158	1.000000	1.245765	3.363977
40	.495300	.512149	1.059451	1.000000	1.247325	3.367012
41	.508000	.512074	1.059427	1.000000	1.247195	3.366759
42	.520700	.511628	1.059280	1.000000	1.246415	3.365242
43	.546100	.513415	1.059864	1.000000	1.249535	3.371307

ID NO. 13316-013

STATION X= 4.49 CM PTO= 23.482 N/SQ CM TTO=298.67K
R= 2.576 CM PWALL= .8008 N/SQ CM CF= .00126 PT =1.176
UE= 644.9 M/SEC RHOE=.00947 KG/CUB M RE= 31.105E6 /M
DELTA= .434 CM DELTA*= .1552 CM THETA= .0224 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.034102	.000000	1.000000	.396377	.000000
2	.012700	.086178	.581300	1.000000	.400170	1.237202
3	.025400	.097572	.617905	1.000000	.416744	1.342069
4	.038100	.117754	.671276	1.000000	.445675	1.507748
5	.050800	.132722	.703983	1.000000	.466863	1.618360
6	.063500	.145159	.728105	1.000000	.484555	1.705233
7	.076200	.155436	.746032	1.000000	.499022	1.773109
8	.088900	.165117	.761614	1.000000	.512628	1.834655
9	.101600	.173830	.774683	1.000000	.524858	1.888268
10	.114300	.183735	.788561	1.000000	.538747	1.947360
11	.127000	.194235	.802260	1.000000	.553457	2.008054
12	.139700	.203395	.813445	1.000000	.566280	2.059501
13	.152400	.215384	.827276	1.000000	.583248	2.125658
14	.165100	.227821	.840431	1.000000	.600648	2.191445
15	.177800	.239066	.851519	1.000000	.616373	2.249235
16	.190500	.250609	.862186	1.000000	.632508	2.307026
17	.203200	.262375	.872386	1.000000	.648948	2.364461
18	.215900	.274663	.882380	1.000000	.666112	2.422968
19	.228600	.286057	.891103	1.000000	.682022	2.475970
20	.241300	.299536	.900807	1.000000	.700839	2.537227
21	.254000	.308472	.906963	1.000000	.713312	2.577029
22	.266700	.318005	.913132	1.000000	.726615	2.618810
23	.279400	.342729	.928197	1.000000	.761357	2.724913
24	.292100	.433955	.971929	1.000000	.888635	3.082581
25	.304800	.469031	.985180	1.000000	.937552	3.209456
26	.317500	.479010	.988670	1.000000	.951467	3.244641
27	.330200	.492787	.993306	1.000000	.970677	3.292598
28	.342900	.496734	.994596	1.000000	.976180	3.306209
29	.355600	.500755	.995895	1.000000	.981787	3.320018
30	.368300	.503734	.996846	1.000000	.985940	3.330210
31	.381000	.506266	.997647	1.000000	.989471	3.338849
32	.393700	.509617	.998698	1.000000	.994143	3.350248
33	.406400	.511106	.999162	1.000000	.996220	3.355302
34	.419100	.511479	.999277	1.000000	.996739	3.356565
35	.431800	.513340	.999853	1.000000	.999334	3.362869
36	.444500	.516021	1.000676	1.000000	1.003072	3.371926
37	.457200	.518181	1.001334	1.000000	1.006083	3.379205
38	.469900	.519149	1.001628	1.000000	1.007433	3.382462
39	.482600	.520192	1.001943	1.000000	1.008886	3.385967
40	.495300	.520713	1.002101	1.000000	1.009613	3.387718
41	.508000	.520713	1.002101	1.000000	1.009613	3.387718
42	.520700	.521234	1.002258	1.000000	1.010340	3.389468
43	.546100	.521979	1.002482	1.000000	1.011378	3.391967

ID NO. 13316-014

STATION X= 4.92 CM PTO= 23.482 N/SQ CM TTO=298.67K
R= 2.576 CM PWALL= 2.3710 N/SQ CM CF= .00101 P+ =3.640
UE= 484.7 M/SEC RHOE=.01413 KG/CUB M RE= 18.041E6 /M
DELTA= .240 CM DELTA*= .0943 CM THETA= .0253 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.100968	.000000	1.000000	.508126	.000000
2	.012700	.120658	.355867	1.000000	.539881	.510974
3	.025400	.124307	.383665	1.000000	.645352	.553238
4	.038100	.134584	.448506	1.000000	.660166	.654119
5	.050800	.150074	.522682	1.000000	.691037	.774256
6	.063500	.167872	.587373	1.000000	.703198	.884126
7	.076200	.190065	.649554	1.000000	.728591	.995219
8	.088900	.212776	.697801	1.000000	.751527	1.085839
9	.101600	.237130	.743415	1.000000	.776241	1.175686
10	.114300	.257609	.777153	1.000000	.796684	1.245121
11	.127000	.271386	.797556	1.000000	.810945	1.288479
12	.139700	.281291	.811812	1.000000	.819864	1.319436
13	.152400	.303260	.840602	1.000000	.841001	1.383727
14	.165100	.326718	.868983	1.000000	.863713	1.449632
15	.177800	.360006	.904855	1.000000	.895424	1.536934
16	.190500	.385773	.929955	1.000000	.919869	1.600981
17	.203200	.411390	.952955	1.000000	.944105	1.662051
18	.215900	.435221	.973099	1.000000	.966928	1.717576
19	.228600	.456296	.989579	1.000000	.986816	1.764536
20	.241300	.471637	1.000990	1.000000	1.001278	1.797912
21	.254000	.484371	1.010113	1.000000	1.013274	1.825135
22	.266700	.494425	1.017105	1.000000	1.022739	1.846332
23	.279400	.498893	1.020155	1.000000	1.026945	1.855673
24	.292100	.502468	1.022570	1.000000	1.030309	1.863110
25	.304800	.505298	1.024467	1.000000	1.032971	1.868976
26	.317500	.507085	1.025658	1.000000	1.034653	1.872671
27	.330200	.510138	1.027680	1.000000	1.037525	1.878966
28	.342900	.512149	1.029004	1.000000	1.039416	1.883100
29	.355600	.513564	1.029931	1.000000	1.040747	1.886003
30	.368300	.514234	1.030369	1.000000	1.041378	1.887377
31	.381000	.515649	1.031291	1.000000	1.042709	1.890273
32	.393700	.517064	1.032211	1.000000	1.044039	1.893165
33	.406400	.518479	1.033127	1.000000	1.045370	1.896052
34	.419100	.519298	1.033656	1.000000	1.046140	1.897722
35	.431800	.520564	1.034471	1.000000	1.047331	1.900299
36	.444500	.521979	1.035379	1.000000	1.048661	1.903175
37	.457200	.522500	1.035713	1.000000	1.049151	1.904234
38	.469900	.523766	1.036522	1.000000	1.050342	1.906802
39	.482600	.524809	1.037186	1.000000	1.051322	1.908914
40	.495300	.526620	1.038463	1.000000	1.053212	1.912981
41	.508000	.528830	1.039733	1.000000	1.055103	1.917039
42	.520700	.530394	1.040717	1.000000	1.056573	1.920189
43	.546100	.532479	1.042022	1.000000	1.058533	1.924380

ID NO. 13316-015

STATION X= 5.30 CM PTO= 23.482 N/SQ CM TTO=298.67K
R= 2.576 CM PWALL= 2.5956 N/SQ CM CF= .00065 PT =5.041
UE= 527.9 M/SEC RHOE=.01757 KG/CUB M RE= 27.380E6 /M
DELTA= .246 CM DELTA*= .1073 CM THETA= .0238 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.110535	.000000	1.000000	.535308	.000000
2	.012700	.138754	.367905	1.000000	.571237	.579309
3	.025400	.141435	.382558	1.000000	.574369	.604030
4	.038100	.149404	.421323	1.000000	.583435	.670467
5	.050800	.157893	.456559	1.000000	.592721	.732299
6	.063500	.171447	.503630	1.000000	.606832	.817357
7	.076200	.188575	.551900	1.000000	.623569	.907964
8	.088900	.209278	.601144	1.000000	.643343	1.004537
9	.101600	.235491	.645139	1.000000	.663665	1.094949
10	.114300	.266843	.693175	1.000000	.689191	1.198889
11	.127000	.307951	.745507	1.000000	.721698	1.319458
12	.139700	.353453	.793919	1.000000	.757046	1.439141
13	.152400	.398954	.835032	1.000000	.791899	1.548119
14	.165100	.456743	.879686	1.000000	.835897	1.675599
15	.177800	.512372	.916794	1.000000	.879397	1.790115
16	.190500	.565395	.947532	1.000000	.918524	1.891931
17	.203200	.609258	.970309	1.000000	.951671	1.972058
18	.215900	.641057	.985537	1.000000	.975677	2.028113
19	.228600	.661983	.995030	1.000000	.991466	2.064149
20	.241300	.670771	.998900	1.000000	.998094	2.079092
21	.254000	.676282	1.001292	1.000000	1.002250	2.08840
22	.266700	.658334	.993403	1.000000	.988713	2.057912
23	.279400	.555491	.942075	1.000000	.911033	1.873348
24	.292100	.517213	.919763	1.000000	.882055	1.799659
25	.304800	.506798	.914579	1.000000	.875678	1.783033
26	.317500	.509617	.915088	1.000000	.876299	1.784659
27	.330200	.512060	.916564	1.000000	.878105	1.789379
28	.342900	.514085	.917849	1.000000	.879685	1.793498
29	.355600	.515724	.918853	1.000000	.880927	1.796728
30	.368300	.517734	.920081	1.000000	.882450	1.800683
31	.381000	.518628	.920625	1.000000	.883127	1.802438
32	.393700	.520117	.921528	1.000000	.884256	1.805359
33	.406400	.521458	.922339	1.000000	.885271	1.807984
34	.419100	.523394	.923505	1.000000	.886739	1.811769
35	.431800	.524809	.924353	1.000000	.887809	1.814529
36	.444500	.526745	.925510	1.000000	.889276	1.818300
37	.457200	.527862	.926175	1.000000	.890122	1.820471
38	.469900	.529277	.927014	1.000000	.891193	1.823218
39	.482600	.530320	.927631	1.000000	.891983	1.825239
40	.495300	.531213	.928159	1.000000	.892659	1.826969
41	.508000	.531660	.928422	1.000000	.892998	1.827834
42	.520700	.532107	.928685	1.000000	.893336	1.828698
43	.546100	.534490	.930054	1.000000	.895140	1.833300

ID NO. 13316-016

STATION X= 5.55 CM PTO= 23.482 N/SQ CM TTO=298.67K
R= 2.576 CM PWALL= 3.0579 N/SQ CM CF= .00059 PT =5.709
UE= 507.9 M/SEC RHOE=.01945 KG/CUB M RE= 27.562E6 /M
DELTA= .247 CM DELTA*= .1078 CM THETA= .0250 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.130222	.000000	1.000000	.569810	.000000
2	.012700	.155585	.339457	1.000000	.599529	.510670
3	.025400	.158564	.356609	1.000000	.602786	.537928
4	.038100	.165638	.392944	1.000000	.610351	.596445
5	.050800	.175841	.437209	1.000000	.620864	.669326
6	.063500	.187905	.480851	1.000000	.632748	.743150
7	.076200	.202873	.525891	1.000000	.646757	.821707
8	.088900	.223502	.576583	1.000000	.664901	.913463
9	.101600	.247034	.625566	1.000000	.685154	1.006045
10	.114300	.278386	.672209	1.000000	.707300	1.098391
11	.127000	.315771	.722129	1.000000	.734605	1.202519
12	.139700	.360602	.772584	1.000000	.766672	1.314320
13	.152400	.418689	.827096	1.000000	.807425	1.443968
14	.165100	.469403	.867422	1.000000	.842520	1.546931
15	.177800	.528309	.908070	1.000000	.883057	1.657922
16	.190500	.588704	.944597	1.000000	.924780	1.764883
17	.203200	.634057	.968908	1.000000	.955824	1.840441
18	.215900	.666675	.985075	1.000000	.978121	1.892848
19	.228600	.689686	.995836	1.000000	.993838	1.926936
20	.241300	.696240	.998880	1.000000	.998313	1.939086
21	.254000	.701006	1.001035	1.000000	1.001567	1.946434
22	.266700	.703314	1.002072	1.000000	1.003142	1.949983
23	.279400	.705251	1.002939	1.000000	1.004464	1.952955
24	.292100	.705995	1.003271	1.000000	1.004972	1.954096
25	.304800	.705921	1.003238	1.000000	1.004922	1.953982
26	.317500	.705251	1.002939	1.000000	1.004464	1.952955
27	.330200	.703687	1.002239	1.000000	1.003397	1.950555
28	.342900	.703836	1.002306	1.000000	1.003498	1.950784
29	.355600	.703240	1.002039	1.000000	1.003092	1.949869
30	.368300	.703836	1.002306	1.000000	1.003498	1.950784
31	.381000	.703165	1.002006	1.000000	1.003041	1.949755
32	.393700	.703165	1.002006	1.000000	1.003041	1.949755
33	.406400	.696538	.999015	1.000000	.998516	1.939547
34	.419100	.601364	.951613	1.000000	.933451	1.786310
35	.431800	.532256	.910593	1.000000	.885767	1.665077
36	.444500	.521160	.903440	1.000000	.878147	1.644877
37	.457200	.517511	.901047	1.000000	.875640	1.638176
38	.469900	.515947	.900015	1.000000	.874565	1.635295
39	.482600	.514160	.898830	1.000000	.873337	1.631996
40	.495300	.511255	.896895	1.000000	.871341	1.626620
41	.508000	.507457	.894344	1.000000	.868729	1.619562
42	.520700	.503361	.891567	1.000000	.865912	1.611912
43	.546100	.493606	.884839	1.000000	.859199	1.593535

ID NO. 13316-017

STATION X= 6.06 CM PTO= 23.482 N/SQ CM TTO=298.67K
R= 2.576 CM PWALL= 3.1495 N/SQ CM CF= .00072 PT =4.711
UE= 506.2 M/SEC RHOE=.01993 KG/CUB M RE= 28.[illegible]2556 /M
DELTA= .249 CM DELTA*= .1031 CM THETA= .0251 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.134125	.000000	1.000000	.572578	.000000
2	.012700	.168021	.381976	1.000000	.610758	.576605
3	.025400	.172490	.402863	1.000000	.615355	.610418
4	.038100	.181203	.439030	1.000000	.624080	.669918
5	.050800	.192075	.477706	1.000000	.634558	.735028
6	.063500	.204363	.515065	1.000000	.645900	.799562
7	.076200	.221258	.558458	1.000000	.660735	.876822
8	.088900	.242566	.603689	1.000000	.678314	.960364
9	.101600	.265577	.646454	1.000000	.697180	1.042599
10	.114300	.298493	.690752	1.000000	.719347	1.131614
11	.127000	.337441	.738920	1.000000	.746957	1.233539
12	.139700	.383836	.787316	1.000000	.779332	1.342251
13	.152400	.436413	.834137	1.000000	.814996	1.454530
14	.165100	.493233	.877301	1.000000	.853331	1.565362
15	.177800	.554225	.917349	1.000000	.894256	1.675611
16	.190500	.604716	.945868	1.000000	.928344	1.762184
17	.203200	.652749	.972000	1.000000	.960429	1.839951
18	.215900	.683878	.987073	1.000000	.981194	1.888575
19	.228600	.701229	.995101	1.000000	.992760	1.915124
20	.241300	.709198	.998704	1.000000	.998070	1.927190
21	.254000	.713368	1.000558	1.000000	1.000849	1.933474
22	.266700	.714708	1.001165	1.000000	1.001742	1.935489
23	.279400	.713815	1.000767	1.000000	1.001147	1.934146
24	.292100	.711581	.999771	1.000000	.999658	1.930784
25	.304800	.709421	.998804	1.000000	.998210	1.927527
26	.317500	.706517	.997497	1.000000	.996284	1.923139
27	.330200	.703240	.996015	1.000000	.994100	1.918176
28	.342900	.698325	.993776	1.000000	.990825	1.910707
29	.355600	.695569	.992511	1.000000	.988988	1.906506
30	.368300	.689537	.989720	1.000000	.984967	1.897277
31	.381000	.685739	.987947	1.000000	.982435	1.891442
32	.393700	.678883	.984717	1.000000	.977867	1.880869
33	.406400	.673899	.982338	1.000000	.974539	1.873130
34	.419100	.667420	.979215	1.000000	.970218	1.863031
35	.431800	.659898	.975541	1.000000	.965200	1.851235
36	.444500	.651632	.971442	1.000000	.959683	1.838131
37	.457200	.643738	.967456	1.000000	.954414	1.825625
38	.469900	.635025	.963005	1.000000	.948597	1.811660
39	.482600	.627578	.959151	1.000000	.943523	1.799635
40	.495300	.620652	.955476	1.000000	.938996	1.788376
41	.508000	.601215	.944939	1.000000	.926004	1.756376
42	.520700	.474095	.863469	1.000000	.840446	1.529037
43	.546100	.414444	.815266	1.000000	.799856	1.408357

ID NO. 13316-018

STATION X= 6.32 CM PTO= 23.482 N/SQ CM TTO=298.67K
R= 2.576 CM PWALL= 3.0747 N/SQ CM CF= .00226 PT =3.555
UE= 502.5 M/SEC RHOE=.31925 KG/CUB M RE= 26.612E6 /M
DELTA= .243 CM DELTA*= .0930 CM THETA= .0242 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.130936	.000000	1.000000	.578885	.000000
2	.012700	.178149	.447197	1.000000	.632120	.678091
3	.025400	.183809	.468328	1.000000	.637794	.713312
4	.038100	.193639	.501175	1.000000	.647359	.769043
5	.050800	.205927	.536821	1.000000	.658839	.831014
6	.063500	.219480	.570817	1.000000	.670947	.891724
7	.076200	.236332	.608187	1.000000	.685693	.960437
8	.088900	.259248	.651185	1.000000	.704728	1.042568
9	.101600	.285684	.687722	1.000000	.722857	1.115137
10	.114300	.320835	.733881	1.000000	.748692	1.211062
11	.127000	.361346	.779595	1.000000	.778009	1.311447
12	.139700	.407220	.823609	1.000000	.810372	1.414010
13	.152400	.455402	.864085	1.000000	.844376	1.514306
14	.165100	.516096	.907875	1.000000	.886635	1.630376
15	.177800	.563597	.941213	1.000000	.923348	1.724884
16	.190500	.611492	.965543	1.000000	.953045	1.797702
17	.203200	.645674	.983447	1.000000	.976674	1.853596
18	.215900	.661462	.991317	1.000000	.987578	1.878831
19	.228600	.675909	.998312	1.000000	.997552	1.901619
20	.241300	.678963	.999756	1.000000	.999660	1.906399
21	.254000	.680899	1.000684	1.000000	1.000996	1.909423
22	.266700	.679484	1.000013	1.000000	1.000019	1.907213
23	.279400	.675835	.998276	1.000000	.997501	1.901502
24	.292100	.672111	.996492	1.000000	.994931	1.895655
25	.304800	.667271	.994153	1.000000	.991589	1.888027
26	.317500	.663100	.992120	1.000000	.988709	1.881429
27	.330200	.658856	.990034	1.000000	.985778	1.874689
28	.342900	.653866	.987561	1.000000	.982332	1.866734
29	.355600	.649249	.985250	1.000000	.979143	1.859341
30	.368300	.644036	.982617	1.000000	.975542	1.850957
31	.381000	.637780	.979421	1.000000	.971219	1.840845
32	.393700	.632791	.976843	1.000000	.967771	1.832737
33	.406400	.627057	.973848	1.000000	.963808	1.823374
34	.419100	.620429	.970343	1.000000	.959225	1.812488
35	.431800	.615141	.967514	1.000000	.955569	1.803755
36	.444500	.609035	.964207	1.000000	.951345	1.793613
37	.457200	.601811	.960242	1.000000	.946347	1.781539
38	.469900	.594960	.956426	1.000000	.941606	1.770008
39	.482600	.588853	.952978	1.000000	.937378	1.759663
40	.495300	.582300	.949227	1.000000	.932841	1.748491
41	.508000	.575523	.945294	1.000000	.928146	1.736853
42	.520700	.570067	.942096	1.000000	.924380	1.727467
43	.546100	.560198	.936127	1.000000	.917463	1.710097

ID NO. 13316-019

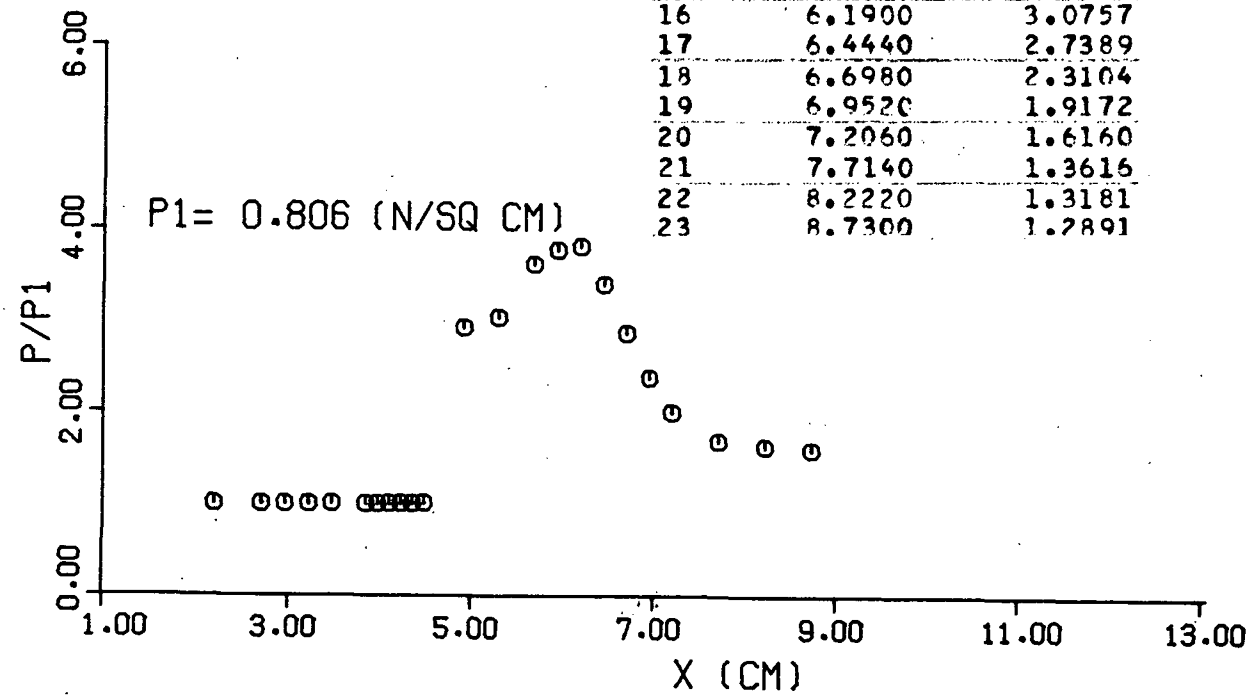
STATION X= 6.82 CM PT0= 23.482 N/SQ CM TT0=298.67K
R= 2.576 CM PWALL= 2.1306 N/SQ CM CF= .00183 PT :=1.154
UE= 536.3 M/SEC RHOE=.01484 KG/CUB M RE= 24.101E6 /M
DELTA= .281 CM DELTA*= .0796 CM THETA= .0210 CM

I	Y(CM)	PT/PT0	U/UE	TT/TT0	RHO/RHOE	M
1	.000000	.090732	.000000	1.000000	.520383	.000000
2	.012700	.198331	.645089	1.000000	.650144	1.116595
3	.025400	.209129	.665167	1.000000	.660556	1.160532
4	.038100	.225959	.693487	1.000000	.676401	1.224367
5	.050800	.239364	.714344	1.000000	.689013	1.272894
6	.063500	.251726	.732358	1.000000	.700609	1.315929
7	.076200	.269971	.756611	1.000000	.717335	1.375639
8	.088900	.286504	.776911	1.000000	.732410	1.427313
9	.101600	.309515	.803218	1.000000	.753554	1.496793
10	.114300	.332675	.827123	1.000000	.774519	1.562633
11	.127000	.357697	.850769	1.000000	.797094	1.630562
12	.139700	.386592	.875921	1.000000	.823364	1.706208
13	.152400	.413476	.897107	1.000000	.847524	1.772929
14	.165100	.441700	.917572	1.000000	.872845	1.840264
15	.177800	.474243	.939210	1.000000	.901998	1.914859
16	.190500	.498670	.954240	1.000000	.923856	1.968933
17	.203200	.524511	.969138	1.000000	.946960	2.024523
18	.215900	.545810	.980715	1.000000	.965991	2.069191
19	.228600	.558767	.987657	1.000000	.977987	2.096628
20	.241300	.570683	.993688	1.000000	.988535	2.120886
21	.254000	.575970	.996312	1.000000	.993259	2.131560
22	.266700	.580662	.998612	1.000000	.997451	2.140986
23	.279400	.583417	.999952	1.000000	.999912	2.146502
24	.292100	.582970	.999736	1.000000	.999513	2.145608
25	.304800	.580811	.998685	1.000000	.997584	2.141284
26	.317500	.578502	.997556	1.000000	.995521	2.136652
27	.330200	.576789	.996715	1.000000	.993991	2.133209
28	.342900	.572544	.994616	1.000000	.990199	2.124651
29	.355600	.568970	.992832	1.000000	.987005	2.117416
30	.368300	.568151	.992421	1.000000	.986273	2.115755
31	.381000	.568076	.992383	1.000000	.986206	2.115604
32	.393700	.570683	.993688	1.000000	.988535	2.120886
33	.406400	.572098	.994393	1.000000	.989799	2.123748
34	.419100	.572395	.994542	1.000000	.990066	2.124350
35	.431800	.573959	.995318	1.000000	.991463	2.127507
36	.444500	.573959	.995318	1.000000	.991463	2.127507
37	.457200	.575151	.995907	1.000000	.992527	2.129910
38	.469900	.575970	.996312	1.000000	.993259	2.131560
39	.482600	.575598	.996128	1.000000	.992927	2.130810
40	.495300	.576789	.996715	1.000000	.993991	2.133209
41	.508000	.577162	.996898	1.000000	.994324	2.133958
42	.520700	.577832	.997228	1.000000	.994922	2.135305
43	.546100	.578279	.997447	1.000000	.995322	2.136203

ID NO. 13316-020

PTO= 23.4927 N/SQ CM
TTO= 301.4444 K
PBAR= 750.7000 MMHG
TMAN= 299.2222 K

I	X(CM)	P(N/SQ CM)
1	2.2022	.8056
2	2.7102	.8056
3	2.9642	.8046
4	3.2182	.8059
5	3.4722	.8083
6	3.8532	.8046
7	3.9802	.8063
8	4.1072	.8073
9	4.2342	.8090
10	4.3612	.8087
11	4.4882	.8114
12	4.9200	2.3569
13	5.3010	2.4452
14	5.6820	2.9153
15	5.9360	3.0411
16	6.1900	3.0757
17	6.4440	2.7389
18	6.6980	2.3104
19	6.9520	1.9172
20	7.2060	1.6160
21	7.7140	1.3616
22	8.2220	1.3181
23	8.7300	1.2891



ID NO. 13316 -020

ID NO. 13316-021

STATION X= 3.98 CM PTO= 23.493 N/SQ CM TTO=301.44K
R= 2.576 CM PWALL= .8067 N/SQ CM CF= .00184 PT = .823
UE= 608.0 M/SEC RHOE=.00744 KG/CUB M RE= 17.899E6 /M
DELTA= .359 CM DELTA*= .1091 CM THETA= .0210 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.034337	.000000	1.000000	.389208	.000000
2	.012700	.070596	.550478	1.000000	.477606	1.065653
3	.025400	.095935	.651141	1.000000	.525223	1.321869
4	.038100	.116398	.709896	1.000000	.562284	1.491123
5	.050800	.132059	.746786	1.000000	.590274	1.607178
6	.063500	.145209	.774071	1.000000	.613871	1.698871
7	.076200	.156881	.795674	1.000000	.634603	1.775527
8	.088900	.164269	.808336	1.000000	.647703	1.822305
9	.101600	.174759	.825131	1.000000	.666284	1.886661
10	.114300	.184362	.839419	1.000000	.683275	1.943649
11	.127000	.194409	.853376	1.000000	.701034	2.001479
12	.139700	.205343	.867535	1.000000	.720345	2.062523
13	.152400	.214725	.879082	1.000000	.737151	2.114213
14	.165100	.226397	.892352	1.000000	.757758	2.175919
15	.177800	.237700	.904355	1.000000	.777702	2.234018
16	.190500	.247599	.914248	1.000000	.795162	2.283668
17	.203200	.260896	.926715	1.000000	.818606	2.348685
18	.215900	.270500	.935184	1.000000	.835533	2.394530
19	.228600	.282394	.945109	1.000000	.856490	2.450103
20	.241300	.295026	.955024	1.000000	.878743	2.507763
21	.254000	.304556	.962113	1.000000	.895527	2.550390
22	.266700	.315489	.969864	1.000000	.914779	2.598425
23	.279400	.327383	.977867	1.000000	.935718	2.649681
24	.292100	.335583	.983143	1.000000	.950152	2.684445
25	.304800	.344522	.988791	1.000000	.966200	2.722572
26	.317500	.349915	.992032	1.000000	.975696	2.744886
27	.330200	.355825	.995500	1.000000	.986103	2.769131
28	.342900	.360183	.998003	1.000000	.993778	2.786876
29	.355600	.362917	.999550	1.000000	.998590	2.797947
30	.368300	.365945	1.001244	1.000000	1.003923	2.810163
31	.381000	.367792	1.002267	1.000000	1.007175	2.817585
32	.393700	.369196	1.003039	1.000000	1.009646	2.823213
33	.406400	.369935	1.003444	1.000000	1.010947	2.826171
34	.419100	.370452	1.003727	1.000000	1.011857	2.828239
35	.431800	.370673	1.003847	1.000000	1.012247	2.829125
36	.444500	.370600	1.003807	1.000000	1.012117	2.828830
37	.457200	.370526	1.003767	1.000000	1.011987	2.828535
38	.469900	.370452	1.003727	1.000000	1.011857	2.828239
39	.482600	.370747	1.003888	1.000000	1.012377	2.829421
40	.495300	.371191	1.004129	1.000000	1.013158	2.831192
41	.508000	.371412	1.004250	1.000000	1.013548	2.832077
42	.520700	.371708	1.004410	1.000000	1.014068	2.833256
43	.546100	.371412	1.004250	1.000000	1.013548	2.832077

ID NO. 13316-022

STATION X= 4.49 CM PTO= 23.493 N/SQ CM TTO=301.44K
R= 2.576 CM PWALL= .8118 N/SQ CM CF= .00188 PT = .983
UE= 596.7 M/SEC RHOE=.00768 KG/CUB M RE= 15.815E6 /M
DELTA= .292 CM DELTA*= .0973 CM THETA= .0197 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.034555	.000000	1.000000	.411748	.000000
2	.012700	.069192	.553994	1.000000	.502462	1.049561
3	.025400	.085962	.625832	1.000000	.535014	1.223466
4	.038100	.109011	.701223	1.000000	.579316	1.426478
5	.050800	.128070	.750045	1.000000	.615404	1.572602
6	.063500	.142476	.781233	1.000000	.642377	1.673503
7	.076200	.153335	.802509	1.000000	.662376	1.746295
8	.088900	.162200	.818365	1.000000	.679412	1.802872
9	.101600	.171434	.833763	1.000000	.696614	1.859903
10	.114300	.180743	.848256	1.000000	.713935	1.915611
11	.127000	.190642	.862655	1.000000	.732337	1.973077
12	.139700	.200171	.875632	1.000000	.750039	2.026818
13	.152400	.210588	.888923	1.000000	.769373	2.083934
14	.165100	.222036	.902732	1.000000	.790883	2.145687
15	.177800	.233489	.915466	1.000000	.812128	2.204985
16	.190500	.245235	.927681	1.000000	.833911	2.264172
17	.203200	.257793	.939887	1.000000	.857190	2.325762
18	.215900	.267840	.949076	1.000000	.875808	2.373867
19	.228600	.279734	.959353	1.000000	.897841	2.429569
20	.241300	.292583	.969791	1.000000	.921646	2.488349
21	.254000	.304778	.979105	1.000000	.944215	2.542821
22	.266700	.314307	.986023	1.000000	.961855	2.584600
23	.279400	.327383	.995039	1.000000	.986056	2.640839
24	.292100	.334918	1.000000	1.000000	1.000000	2.672706
25	.304800	.343488	1.005559	1.000000	1.016185	2.709225
26	.317500	.349841	1.009470	1.000000	1.027946	2.735457
27	.330200	.355677	1.012971	1.000000	1.038750	2.759332
28	.342900	.421130	1.047128	1.000000	1.159871	3.014090
29	.355600	.485696	1.073692	1.000000	1.279300	3.245767
30	.368300	.492271	1.076089	1.000000	1.291460	3.268434
31	.381000	.495152	1.077123	1.000000	1.296789	3.278317
32	.393700	.498328	1.078252	1.000000	1.302662	3.289179
33	.406400	.499880	1.078799	1.000000	1.305531	3.294471
34	.419100	.500544	1.079033	1.000000	1.306761	3.296736
35	.431800	.501653	1.079422	1.000000	1.308810	3.300508
36	.444500	.502244	1.079628	1.000000	1.309903	3.302518
37	.457200	.504829	1.080528	1.000000	1.314695	3.311297
38	.469900	.507415	1.081421	1.000000	1.319466	3.320053
39	.482600	.508154	1.081674	1.000000	1.320832	3.322550
40	.495300	.509040	1.081978	1.000000	1.322471	3.325545
41	.508000	.509926	1.082281	1.000000	1.324111	3.328536
42	.520700	.512217	1.083059	1.000000	1.328346	3.336252
43	.546100	.514802	1.083931	1.000000	1.333127	3.344943

ID NO. 13316-023

STATION X= 4.92 CM PTO= 23.493 N/SQ CM TTO=301.44K
R= 2.576 CM PWALL= 2.3573 N/SQ CM CF= .00026 PT =*.915
UE= 496.4 M/SEC RHOE=.01428 KG/CUB M RE= 18.9336E6 /M
DELTA= .292 CM DELTA*= .1281 CM THETA= .0213 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.100343	.000000	1.000000	.592890	.000000
2	.012700	.088474	.000000	1.000000	.592890	.000000
3	.025400	.090616	.000000	1.000000	.592890	.000000
4	.038100	.095861	.000000	1.000000	.592890	.000000
5	.050800	.104135	.160915	1.000000	.599207	.230802
6	.063500	.117506	.329166	1.000000	.620250	.480343
7	.076200	.133020	.435986	1.000000	.642619	.647595
8	.088900	.151119	.520767	1.000000	.666474	.787751
9	.101600	.169809	.585492	1.000000	.689052	.900535
10	.114300	.190568	.643517	1.000000	.713114	1.006915
11	.127000	.212139	.686268	1.000000	.733534	1.089075
12	.139700	.244127	.743615	1.000000	.765135	1.205232
13	.152400	.273012	.787132	1.000000	.792884	1.298693
14	.165100	.309579	.834687	1.000000	.827636	1.407009
15	.177800	.345704	.875395	1.000000	.861728	1.505715
16	.190500	.378652	.907991	1.000000	.892424	1.589355
17	.203200	.409901	.935854	1.000000	.921432	1.664536
18	.215900	.431694	.954055	1.000000	.941932	1.715682
19	.228600	.452674	.970288	1.000000	.961356	1.762774
20	.241300	.468778	.982125	1.000000	.976250	1.798047
21	.254000	.478604	.989099	1.000000	.985330	1.819217
22	.266700	.484957	.993514	1.000000	.991199	1.832770
23	.279400	.490719	.997455	1.000000	.996521	1.844974
24	.292100	.494487	1.000000	1.000000	1.000000	1.852908
25	.304800	.499362	1.003258	1.000000	1.004501	1.863123
26	.317500	.503204	1.005796	1.000000	1.008047	1.871131
27	.330200	.504681	1.006766	1.000000	1.009411	1.874201
28	.342900	.506750	1.008118	1.000000	1.011320	1.878491
29	.355600	.507710	1.008743	1.000000	1.012206	1.880480
30	.368300	.509335	1.009797	1.000000	1.013706	1.883840
31	.381000	.510370	1.010466	1.000000	1.014660	1.885975
32	.393700	.512290	1.011704	1.000000	1.016432	1.889933
33	.406400	.513325	1.012368	1.000000	1.017387	1.892061
34	.419100	.514137	1.012888	1.000000	1.018136	1.893731
35	.431800	.515098	1.013502	1.000000	1.019022	1.895702
36	.444500	.515689	1.013879	1.000000	1.019568	1.896915
37	.457200	.516058	1.014114	1.000000	1.019908	1.897672
38	.469900	.516427	1.014349	1.000000	1.020249	1.898429
39	.482600	.517092	1.014772	1.000000	1.020863	1.899791
40	.495300	.517979	1.015334	1.000000	1.021680	1.901605
41	.508000	.519087	1.016036	1.000000	1.022702	1.903870
42	.520700	.520343	1.016828	1.000000	1.023861	1.906434
43	.546100	.522633	1.018267	1.000000	1.025973	1.911101

STATION X= 5.30 CM PTO= 23.493 N/SQ CM TTO=301.44K
R= 2.576 CM PWALL= 2.4456 N/SQ CM CF= .00043 PI =7.255
UE= 526.4 M/SEC RHOE=.01620 KG/CUB M RE= 24.671E6 /M
DELTA= .253 CM DELTA*= .1205 CM THETA= .0250 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.104098	.000000	1.000000	.542154	.000000
2	.012700	.115512	.252916	1.000000	.558511	.388397
3	.025400	.119279	.288653	1.000000	.563657	.445313
4	.038100	.124598	.330672	1.000000	.570726	.513328
5	.050800	.131912	.377998	1.000000	.580104	.591597
6	.063500	.142254	.431780	1.000000	.592750	.683096
7	.076200	.155699	.487157	1.000000	.608244	.780712
8	.088900	.172395	.541446	1.000000	.626206	.880435
9	.101600	.193301	.594984	1.000000	.647024	.983441
10	.114300	.219748	.646578	1.000000	.670492	1.087930
11	.127000	.251662	.698865	1.000000	.698308	1.200051
12	.139700	.286752	.747009	1.000000	.728201	1.309868
13	.152400	.327457	.793840	1.000000	.762016	1.423960
14	.165100	.369935	.836005	1.000000	.797274	1.533896
15	.177800	.413447	.873213	1.000000	.832941	1.637610
16	.190500	.456515	.905845	1.000000	.868403	1.734593
17	.203200	.504460	.937697	1.000000	.907481	1.835542
18	.215900	.547602	.963254	1.000000	.942575	1.921684
19	.228600	.579147	.980363	1.000000	.968203	1.982226
20	.241300	.605594	.993803	1.000000	.989673	2.031557
21	.254000	.618817	1.000238	1.000000	1.000402	2.055767
22	.266700	.624949	1.003161	1.000000	1.005377	2.066894
23	.279400	.625909	1.003616	1.000000	1.006156	2.068632
24	.292100	.626722	1.004000	1.000000	1.006815	2.070101
25	.304800	.628938	1.005043	1.000000	1.008613	2.074101
26	.317500	.633001	1.006943	1.000000	1.011908	2.081415
27	.330200	.631080	1.006047	1.000000	1.010350	2.077961
28	.342900	.606332	.994167	1.000000	.990272	2.032917
29	.355600	.563190	.971863	1.000000	.955242	1.951843
30	.368300	.531719	.954153	1.000000	.929662	1.890443
31	.381000	.521008	.947817	1.000000	.920949	1.869069
32	.393700	.517683	.945817	1.000000	.918244	1.862384
33	.406400	.516575	.945147	1.000000	.917342	1.860150
34	.419100	.519013	.946619	1.000000	.919326	1.865061
35	.431800	.520638	.947596	1.000000	.920648	1.868328
36	.444500	.520712	.947640	1.000000	.920708	1.868476
37	.457200	.522116	.948480	1.000000	.921850	1.871292
38	.469900	.523372	.949230	1.000000	.922872	1.873808
39	.482600	.523963	.949581	1.000000	.923353	1.874991
40	.495300	.525440	.950459	1.000000	.924555	1.877944
41	.508000	.526696	.951202	1.000000	.925576	1.880451
42	.520700	.526696	.951202	1.000000	.925576	1.880451
43	.546100	.528026	.951987	1.000000	.926658	1.883101

ID NO. 13316-025

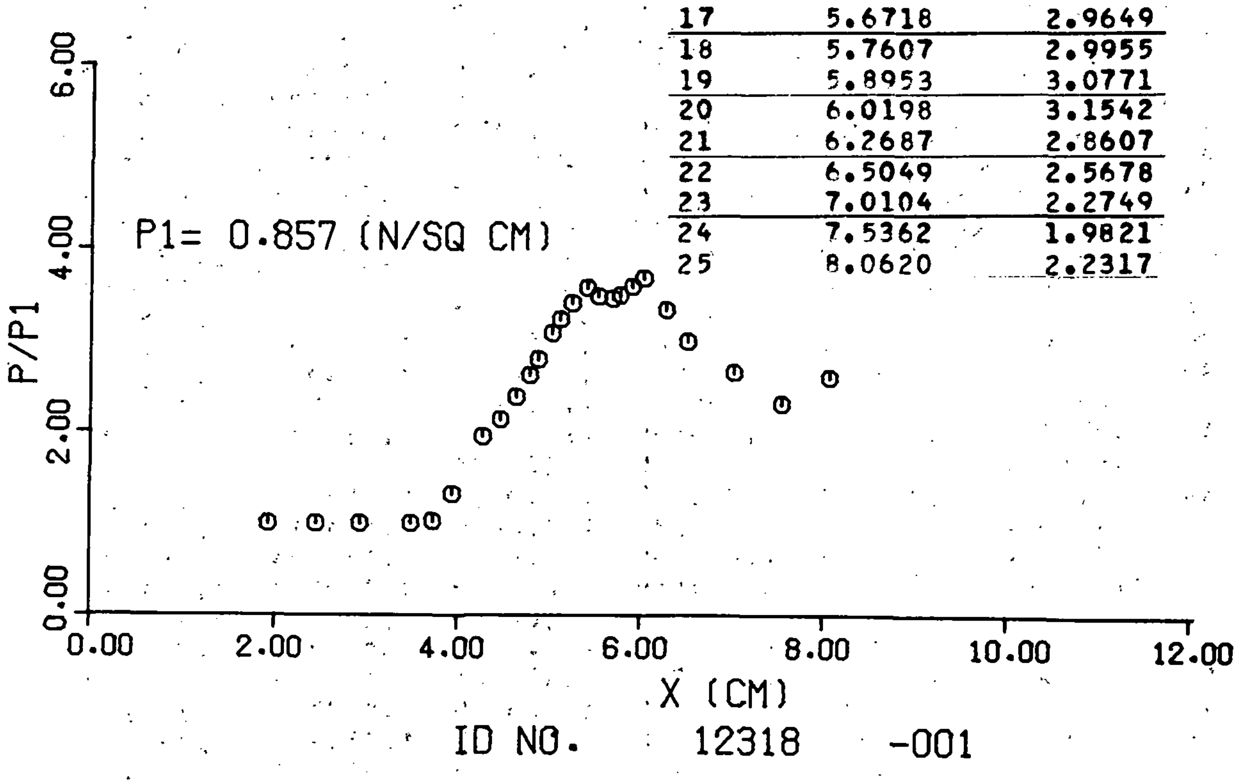
STATION X= 5.68 CM PTO= 23.493 N/SQ CM TTO=301.44K
R= 2.576 CM PWALL= 2.9157 N/SQ CM CF= .00045 PI =7.176
UE= 512.3 M/SEC RHOE=.01848 KG/CUB M RE= 26.344E6 /M
DELTA= .257 CM DELTA*= .1191 CM THETA= .0261 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.124111	.000000	1.000000	.566403	.000000
2	.012700	.136713	.250705	1.000000	.582271	.374275
3	.025400	.142328	.297493	1.000000	.589005	.446686
4	.038100	.148312	.338297	1.000000	.595977	.510950
5	.050800	.157324	.388689	1.000000	.606107	.592029
6	.063500	.167667	.435810	1.000000	.617234	.669866
7	.076200	.180004	.482109	1.000000	.629883	.748585
8	.088900	.197364	.535046	1.000000	.646673	.841781
9	.101600	.219379	.588553	1.000000	.666509	.940057
10	.114300	.242945	.636916	1.000000	.687294	1.033045
11	.127000	.279069	.689695	1.000000	.713581	1.139841
12	.139700	.314824	.736641	1.000000	.740674	1.240324
13	.152400	.355381	.781805	1.000000	.770640	1.342734
14	.165100	.403695	.827960	1.000000	.805968	1.454233
15	.177800	.450532	.866445	1.000000	.839754	1.553398
16	.190500	.505642	.905918	1.000000	.879299	1.661969
17	.203200	.554029	.936708	1.000000	.914213	1.752240
18	.215900	.599758	.962652	1.000000	.946867	1.832649
19	.228600	.635291	.981148	1.000000	.972203	1.892686
20	.241300	.657453	.992029	1.000000	.987991	1.929152
21	.254000	.672967	.999370	1.000000	.999037	1.954262
22	.266700	.677030	1.001257	1.000000	1.001929	1.960783
23	.279400	.680281	1.002756	1.000000	1.004243	1.965984
24	.292100	.680059	1.002654	1.000000	1.004085	1.965630
25	.304800	.678655	1.002007	1.000000	1.003086	1.963385
26	.317500	.677326	1.001393	1.000000	1.002139	1.961256
27	.330200	.676587	1.001052	1.000000	1.001614	1.960073
28	.342900	.676513	1.001017	1.000000	1.001561	1.959954
29	.355600	.674445	1.000058	1.000000	1.000089	1.956636
30	.368300	.671711	.998784	1.000000	.998143	1.952241
31	.381000	.667796	.996947	1.000000	.995355	1.945929
32	.393700	.663807	.995062	1.000000	.992515	1.939476
33	.406400	.660039	.993268	1.000000	.989832	1.933360
34	.419100	.653981	.990356	1.000000	.985518	1.923486
35	.431800	.650657	.988743	1.000000	.983150	1.918045
36	.444500	.646446	.986684	1.000000	.980151	1.911130
37	.457200	.642014	.984499	1.000000	.976993	1.903823
38	.469900	.616232	.971395	1.000000	.958617	1.860733
39	.482600	.560235	.940383	1.000000	.918648	1.763376
40	.495300	.533123	.923939	1.000000	.899261	1.714162
41	.508000	.525366	.919043	1.000000	.893709	1.699807
42	.520700	.522854	.917438	1.000000	.891911	1.695131
43	.546100	.519604	.915347	1.000000	.889583	1.689059

ID NO. 12318-001

PTO= 23.7961 N/SQ CM
TTO= 301.0000 K
PBAR= 760.7000 MMHG
TMAN= 298.6667 K

I	X(CM)	P(N/SQ CM)
1	1.9304	.8566
2	2.4536	.8566
3	2.9413	.8572
4	3.5001	.8572
5	3.7363	.8771
6	3.9472	1.1326
7	4.2723	1.6714
8	4.4653	1.8346
9	4.6355	2.0431
10	4.7803	2.2434
11	4.8717	2.3946
12	5.0216	2.6388
13	5.1079	2.7671
14	5.2324	2.9180
15	5.3950	3.0620
16	5.5194	2.9828
17	5.6718	2.9649
18	5.7607	2.9955
19	5.8953	3.0771
20	6.0198	3.1542
21	6.2687	2.8607
22	6.5049	2.5678
23	7.0104	2.2749
24	7.5362	1.9821
25	8.0620	2.2317



ID NO. 12318-002

STATION X= 3.73 CM PTO= 23.796 N/SQ CM TTO=298.67K
R= 2.568 CM PWALL= .8771 N/SQ CM CF= .00173 PT =1.030
UE= 600.7 M/SEC RHOE=.01798 KG/CUB M RE= 18.71356 /M
DELTA= .326 CM DELTA*= .1062 CM THETA= .0206 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.056860	.000000	1.000000	.398251	.000000
2	.012700	.076873	.559521	1.000000	.490690	1.077293
3	.025400	.078440	.566564	1.000000	.493593	1.094075
4	.038100	.113812	.636790	1.000000	.556988	1.407699
5	.050800	.132542	.732699	1.000000	.588309	1.544681
6	.063500	.147989	.764793	1.000000	.614555	1.647929
7	.076200	.161795	.790400	1.000000	.638153	1.735494
8	.088900	.171645	.806923	1.000000	.654818	1.794759
9	.101600	.183585	.825424	1.000000	.674986	1.863967
10	.114300	.193883	.840195	1.000000	.692360	1.921588
11	.127000	.204331	.854188	1.000000	.709969	1.978276
12	.139700	.215868	.869803	1.000000	.731081	2.044171
13	.152400	.227688	.882523	1.000000	.749537	2.100083
14	.165100	.239404	.895255	1.000000	.769256	2.158220
15	.177800	.251568	.907619	1.000000	.789717	2.216936
16	.190500	.264851	.920229	1.000000	.812951	2.279298
17	.203200	.276119	.930286	1.000000	.830989	2.330873
18	.215900	.289253	.941274	1.000000	.853055	2.389562
19	.228600	.300969	.950521	1.000000	.872734	2.440710
20	.241300	.314028	.960248	1.000000	.894662	2.496473
21	.254000	.326341	.968908	1.000000	.915333	2.547920
22	.266700	.337759	.976529	1.000000	.934406	2.594704
23	.279400	.348206	.983184	1.000000	.952929	2.636790
24	.292100	.355892	.987898	1.000000	.964926	2.667308
25	.304800	.365146	.993490	1.000000	.980768	2.704334
26	.317500	.372235	.997553	1.000000	.992668	2.731818
27	.330200	.378280	1.000928	1.000000	1.002814	2.755033
28	.342900	.381190	1.002525	1.000000	1.007690	2.766141
29	.355600	.384100	1.004104	1.000000	1.012583	2.777204
30	.368300	.385518	1.004867	1.000000	1.014963	2.782578
31	.381000	.386787	1.005546	1.000000	1.017092	2.787377
32	.393700	.387011	1.005665	1.000000	1.017468	2.788223
33	.406400	.387011	1.005665	1.000000	1.017468	2.788223
34	.419100	.387011	1.005665	1.000000	1.017468	2.788223
35	.431800	.386862	1.005585	1.000000	1.017217	2.787659
36	.444500	.387384	1.005864	1.000000	1.018094	2.789632
37	.457200	.387384	1.005864	1.000000	1.018094	2.789632
38	.469900	.387384	1.005864	1.000000	1.018094	2.789632
39	.482600	.387160	1.005745	1.000000	1.017718	2.788787
40	.495300	.387160	1.005745	1.000000	1.017718	2.788787
41	.508000	.387160	1.005745	1.000000	1.017718	2.788787
42	.520700	.387160	1.005745	1.000000	1.017718	2.788787
43	.533400	.387160	1.005745	1.000000	1.017718	2.788787

ID NO. 12318-003

STATION X= 3.94 CM PTO= 23.796 N/SQ CM TTO=298.67K
R= 2.588 CM PWALL= 1.1326 N/SQ CM CF= .00182 PT =1.093
UE= 570.2 M/SEC RHOE=.00897 KG/CUB M RE= 17.444E6 /M
DELTA= .331 CM DELTA*= .1012 CM THETA= .0231 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.047597	.000000	1.000000	.457827	.000000
2	.012700	.090230	.556987	1.000000	.550405	1.005517
3	.025400	.094633	.575191	1.000000	.557900	1.045427
4	.038100	.124184	.658185	1.000000	.604045	1.263672
5	.050800	.144184	.717405	1.000000	.635024	1.391115
6	.063500	.161049	.752896	1.000000	.660962	1.489452
7	.076200	.171123	.771858	1.000000	.676266	1.544542
8	.088900	.182540	.791770	1.000000	.693560	1.604516
9	.101600	.192540	.807997	1.000000	.708669	1.655140
10	.114300	.201346	.821686	1.000000	.722190	1.699163
11	.127000	.215002	.841175	1.000000	.742777	1.764081
12	.139700	.228882	.859460	1.000000	.763666	1.827599
13	.152400	.241344	.874725	1.000000	.782397	1.882733
14	.165100	.252389	.887438	1.000000	.798981	1.930233
15	.177800	.264702	.900795	1.000000	.817456	1.981808
16	.190500	.276268	.912629	1.000000	.834798	2.029030
17	.203200	.286955	.924885	1.000000	.853807	2.079558
18	.215900	.301865	.936823	1.000000	.873435	2.130474
19	.228600	.313133	.946556	1.000000	.890315	2.173309
20	.241300	.325994	.957025	1.000000	.909424	2.220802
21	.254000	.336416	.965249	1.000000	.925175	2.259199
22	.266700	.347161	.973293	1.000000	.941257	2.297741
23	.279400	.357982	.981055	1.000000	.957446	2.335897
24	.292100	.366415	.986882	1.000000	.970060	2.365200
25	.304800	.373653	.991738	1.000000	.980886	2.390064
26	.317500	.379324	.995452	1.000000	.989367	2.409363
27	.330200	.386265	.999692	1.000000	.999744	2.432769
28	.342900	.388951	1.001531	1.000000	1.003761	2.441768
29	.355600	.391936	1.003438	1.000000	1.008223	2.451727
30	.368300	.394249	1.004863	1.000000	1.011682	2.459418
31	.381000	.395966	1.005914	1.000000	1.014248	2.465109
32	.393700	.396712	1.006368	1.000000	1.015363	2.467579
33	.406400	.396712	1.006368	1.000000	1.015363	2.467579
34	.419100	.396712	1.006368	1.000000	1.015363	2.467579
35	.431800	.396712	1.006368	1.000000	1.015363	2.467579
36	.444500	.396712	1.006368	1.000000	1.015363	2.467579
37	.457200	.412383	1.015643	1.000000	1.038788	2.518882
38	.469900	.530662	1.072346	1.000000	1.215873	2.877281
39	.482600	.559843	1.083494	1.000000	1.259457	2.958839
40	.495300	.549692	1.079718	1.000000	1.244298	2.930730
41	.508000	.539543	1.075635	1.000000	1.229139	2.902347
42	.520700	.539767	1.075922	1.000000	1.229473	2.902976
43	.533400	.539767	1.075922	1.000000	1.229473	2.902976

STATION X= 4.27 CM PTO= 23.796 N/SQ CM TTO=298.67K

R= 2.588 CM PWALL= 1.6714 N/SQ CM CF= .00071 PI =4.764

UE= 526.5 M/SEC RHOE=.01127 KG/CUB M RE= 17.441E6 /M

DELTA= .311 CM DELTA*= .1372 CM THETA= .0285 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.070237	.000000	1.000000	.537643	.000000
2	.012700	.058440	.000000	1.000000	.537643	.000000
3	.025400	.066276	.000000	1.000000	.537643	.000000
4	.038100	.081275	.297226	1.000000	.560539	.461441
5	.050800	.099708	.453897	1.000000	.594249	.725552
6	.063500	.121795	.561038	1.000000	.629215	.922822
7	.076200	.141796	.625480	1.000000	.656371	1.050787
8	.088900	.161049	.675532	1.000000	.681418	1.156323
9	.101600	.176347	.709626	1.000000	.700812	1.231648
10	.114300	.192540	.741622	1.000000	.720989	1.305791
11	.127000	.206719	.766772	1.000000	.738356	1.366236
12	.139700	.219927	.788364	1.000000	.754442	1.419928
13	.152400	.233957	.809944	1.000000	.771711	1.475396
14	.165100	.242986	.822835	1.000000	.782643	1.509458
15	.177800	.251493	.834458	1.000000	.792923	1.540801
16	.190500	.260672	.846473	1.000000	.803996	1.573862
17	.203200	.269627	.857708	1.000000	.814782	1.605413
18	.215900	.278209	.868054	1.000000	.825105	1.635039
19	.228600	.285820	.876909	1.000000	.834252	1.660647
20	.241300	.296044	.888610	1.000000	.846802	1.695621
21	.254000	.307461	.900831	1.000000	.860506	1.732794
22	.266700	.319625	.913246	1.000000	.875090	1.771498
23	.279400	.333057	.926287	1.000000	.891178	1.813236
24	.292100	.344102	.936523	1.000000	.904395	1.846819
25	.304800	.368429	.957671	1.000000	.933478	1.918648
26	.317500	.482381	1.037202	1.000000	1.069720	2.224462
27	.330200	.521633	1.058917	1.000000	1.116469	2.320128
28	.342900	.529170	1.062831	1.000000	1.125442	2.338043
29	.355600	.533647	1.065120	1.000000	1.130772	2.348619
30	.368300	.538946	1.067794	1.000000	1.137079	2.361073
31	.381000	.541856	1.069247	1.000000	1.140543	2.367686
32	.393700	.543125	1.069878	1.000000	1.142053	2.370849
33	.406400	.543498	1.070062	1.000000	1.142498	2.371720
34	.419100	.545587	1.071095	1.000000	1.144985	2.376591
35	.431800	.548945	1.072743	1.000000	1.148981	2.384398
36	.444500	.550811	1.073652	1.000000	1.151202	2.388724
37	.457200	.552378	1.074413	1.000000	1.153067	2.392352
38	.469900	.553274	1.074846	1.000000	1.154132	2.394422
39	.482600	.553796	1.075098	1.000000	1.154754	2.395629
40	.495300	.554468	1.075422	1.000000	1.155553	2.397180
41	.508000	.555065	1.075710	1.000000	1.156264	2.398558
42	.520700	.556259	1.076283	1.000000	1.157685	2.401311
43	.533400	.556557	1.076426	1.000000	1.158040	2.401999

STATION X= 4.47 CM PTO= 23.796 N/SQ CM TTO=298.67K
R= 2.588 CM PWALL= 1.8346 N/SQ CM CF= .00000 PI =*.030
UE= 553.7 M/SEC RHOE=.01360 KG/CUB M RE= 24.176E6 /M
DELTA= .254 CM DELTA*= .1568 CM THETA= .0191 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.077097	.000000	1.000000	.488724	.000000
2	.012700	.063813	.000000	1.000000	.488724	.000000
3	.025400	.065306	.000000	1.000000	.488724	.000000
4	.038100	.068664	.000000	1.000000	.488724	.000000
5	.050800	.073664	.000000	1.000000	.488724	.000000
6	.063500	.080604	.157157	1.000000	.494974	.252875
7	.076200	.088887	.279152	1.000000	.509004	.455493
8	.088900	.100305	.376377	1.000000	.526885	.624830
9	.101600	.115453	.461652	1.000000	.548490	.781952
10	.114300	.135079	.538117	1.000000	.573653	.932142
11	.127000	.158511	.601671	1.000000	.599725	1.065654
12	.139700	.182242	.653458	1.000000	.625222	1.181723
13	.152400	.204778	.694193	1.000000	.648507	1.278552
14	.165100	.229106	.732381	1.000000	.673396	1.374527
15	.177800	.258732	.772648	1.000000	.703427	1.482080
16	.190500	.296417	.816129	1.000000	.741101	1.606861
17	.203200	.347460	.865521	1.000000	.792110	1.761778
18	.215900	.404921	.911070	1.000000	.849045	1.919987
19	.228600	.463277	.949557	1.000000	.906717	2.067939
20	.241300	.510588	.976539	1.000000	.953732	2.181140
21	.254000	.557975	1.000230	1.000000	1.000483	2.283156
22	.266700	.587377	1.013591	1.000000	1.029472	2.352073
23	.279400	.597153	1.017829	1.000000	1.039109	2.372937
24	.292100	.583422	1.011848	1.000000	1.025573	2.343578
25	.304800	.563572	1.002847	1.000000	1.006002	2.300462
26	.317500	.550065	.996470	1.000000	.992681	2.270649
27	.330200	.546333	.994670	1.000000	.989001	2.262343
28	.342900	.548796	.995860	1.000000	.991430	2.267828
29	.355600	.551333	.997078	1.000000	.993932	2.273466
30	.368300	.553199	.997969	1.000000	.995772	2.277602
31	.381000	.553199	.997969	1.000000	.995772	2.277602
32	.393700	.553945	.998324	1.000000	.996508	2.279254
33	.406400	.554617	.998643	1.000000	.997171	2.280740
34	.419100	.555288	.998962	1.000000	.997833	2.282226
35	.431800	.556781	.999668	1.000000	.999305	2.285522
36	.444500	.558199	1.000336	1.000000	1.000703	2.288650
37	.457200	.559467	1.000932	1.000000	1.001954	2.291444
38	.469900	.560587	1.001456	1.000000	1.003058	2.293907
39	.482600	.561184	1.001735	1.000000	1.003647	2.295220
40	.495300	.562228	1.002223	1.000000	1.004677	2.297515
41	.508000	.562228	1.002223	1.000000	1.004677	2.297515
42	.520700	.562975	1.002570	1.000000	1.005413	2.299153
43	.533400	.563721	1.002917	1.000000	1.006149	2.300789

STATION X= 4.78 CM PTO= 23.796 N/SQ CM TTO=298.67K
R= 2.588 CM PWALL= 2.2434 N/SQ CM CF= .00027 PT[illegible]=9.996
UE= 540.8 M/SEC RHOE=.01587 KG/CUB M RE= 26.375E6 /M
DELTA= .292 CM DELTA*= .1414 CM THETA= .0230 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.094276	.000000	1.000000	.512256	.000000
2	.012700	.081798	.000000	1.000000	.512256	.000000
3	.025400	.085230	.000000	1.000000	.512256	.000000
4	.038100	.094708	.051733	1.000000	.512926	.080842
5	.050800	.107245	.272265	1.000000	.531472	.433080
6	.063500	.121946	.381240	1.000000	.551341	.617655
7	.076200	.139781	.467125	1.000000	.573269	.771702
8	.088900	.162168	.542531	1.000000	.598125	.915499
9	.101600	.191645	.611642	1.000000	.626589	1.056394
10	.114300	.223882	.670702	1.000000	.656240	1.185490
11	.127000	.254926	.716984	1.000000	.683676	1.293517
12	.139700	.279179	.748651	1.000000	.704975	1.371523
13	.152400	.303879	.777613	1.000000	.726532	1.446198
14	.165100	.332087	.807081	1.000000	.750786	1.525851
15	.177800	.354997	.828856	1.000000	.770404	1.587360
16	.190500	.384399	.854411	1.000000	.795506	1.662745
17	.203200	.415965	.879547	1.000000	.822664	1.740633
18	.215900	.448501	.902856	1.000000	.850336	1.816563
19	.228600	.479246	.923005	1.000000	.876442	1.885396
20	.241300	.513200	.943427	1.000000	.905236	1.958511
21	.254000	.547154	.962176	1.000000	.933998	2.028918
22	.266700	.578720	.978291	1.000000	.960715	2.092196
23	.279400	.606107	.991542	1.000000	.984214	2.146312
24	.292100	.624764	1.000000	1.000000	1.000000	2.181911
25	.304800	.643046	1.007966	1.000000	1.015465	2.216233
26	.317500	.654688	1.012880	1.000000	1.025310	2.237808
27	.330200	.669165	1.018828	1.000000	1.037551	2.264347
28	.342900	.682747	1.024251	1.000000	1.049033	2.288960
29	.355600	.693866	1.028582	1.000000	1.058432	2.308911
30	.368300	.697970	1.030156	1.000000	1.061901	2.316232
31	.381000	.690881	1.027429	1.000000	1.055909	2.303572
32	.393700	.665508	1.017343	1.000000	1.034460	2.257673
33	.406400	.617152	.996590	1.000000	.993560	2.167459
34	.419100	.584019	.981066	1.000000	.965517	2.103368
35	.431800	.566482	.972184	1.000000	.950359	2.067898
36	.444500	.563796	.970820	1.000000	.948085	2.062525
37	.457200	.563796	.970820	1.000000	.948085	2.062525
38	.469900	.563572	.970705	1.000000	.947896	2.062077
39	.482600	.563572	.970705	1.000000	.947896	2.062077
40	.495300	.563572	.970705	1.000000	.947896	2.062077
41	.508000	.563721	.970782	1.000000	.948022	2.062376
42	.520700	.563497	.970667	1.000000	.947833	2.061927
43	.533400	.563199	.970515	1.000000	.947580	2.061329

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STATION X= 5.03 CM PTO= 23.796 N/SQ CM TTO=298.67K

R= 2.588 CM PWALL= 2.2959 N/SQ CM CF= .00141 PI =2.025

UE= 521.2 M/SEC RHOE=.01521 KG/CUB M RE= 22.952E6 /M

DELTA= .292 CM DELTA*= .0832 CM THETA= .0204 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.096481	.000000	1.000000	.546955	.000000
2	.012700	.134482	.446995	1.000000	.601393	.705444
3	.025400	.137094	.459138	1.000000	.604708	.726601
4	.038100	.148736	.506716	1.000000	.618954	.811285
5	.050800	.164332	.558166	1.000000	.636842	.906482
6	.063500	.188212	.621520	1.000000	.662980	1.029878
7	.076200	.221196	.682393	1.000000	.693195	1.156225
8	.088900	.255224	.735983	1.000000	.724829	1.275163
9	.101600	.257165	.738732	1.000000	.725597	1.281485
10	.114300	.350594	.847995	1.000000	.811245	1.554352
11	.127000	.389623	.882346	1.000000	.846039	1.653507
12	.139700	.430591	.916310	1.000000	.882737	1.752017
13	.152400	.464769	.940765	1.000000	.913056	1.829406
14	.165100	.498723	.962911	1.000000	.943128	1.903057
15	.177800	.520215	.975959	1.000000	.962142	1.948189
16	.190500	.527528	.980241	1.000000	.968609	1.963303
17	.203200	.529618	.981451	1.000000	.970456	1.967599
18	.215900	.534319	.984150	1.000000	.974612	1.977231
19	.228600	.540289	.987533	1.000000	.979889	1.989392
20	.241300	.545065	.990205	1.000000	.984110	1.999067
21	.254000	.548274	.991984	1.000000	.986946	2.005540
22	.266700	.551333	.993667	1.000000	.989649	2.011692
23	.279400	.556706	.996593	1.000000	.994397	2.022449
24	.292100	.563049	1.000000	1.000000	1.000000	2.035073
25	.304800	.569243	1.003279	1.000000	1.005471	2.047324
26	.317500	.576556	1.007091	1.000000	1.011929	2.061692
27	.330200	.586780	1.012314	1.000000	1.020956	2.081608
28	.342900	.595063	1.016650	1.000000	1.028608	2.098343
29	.355600	.603794	1.020937	1.000000	1.036320	2.115675
30	.368300	.611779	1.024795	1.000000	1.043372	2.130260
31	.381000	.620286	1.028813	1.000000	1.050884	2.146317
32	.393700	.626928	1.031907	1.000000	1.056747	2.158769
33	.406400	.632674	1.034548	1.000000	1.061820	2.169482
34	.419100	.638942	1.037393	1.000000	1.067353	2.181109
35	.431800	.646031	1.040565	1.000000	1.073611	2.194183
36	.444500	.648494	1.041656	1.000000	1.075784	2.198705
37	.457200	.653046	1.043658	1.000000	1.079801	2.207641
38	.469900	.656927	1.045350	1.000000	1.083226	2.214121
39	.482600	.654986	1.044506	1.000000	1.081513	2.210584
40	.495300	.634166	1.035229	1.000000	1.063138	2.172256
41	.508000	.592302	1.015086	1.000000	1.025831	2.092285
42	.520700	.545960	.990703	1.000000	.984902	2.000875
43	.533400	.528274	.980674	1.000000	.969268	1.964838

STATION X= 5.23 CM PTO= 23.796 N/SQ CM TTO=298.67K
R= 2.588 CM PWALL= 2.9180 N/SQ CM CF= .00080 PT[illegible]=4.265
UE= 518.8 M/SEC RHOE=.01919 KG/CUB M RE= [illegible]8.519E6 /M
DELTA= .206 CM DELTA*= .0859 CM THETA= .0203 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.122623	.000000	1.000000	.551130	.000000
2	.012700	.161720	.411550	1.000000	.596478	.641413
3	.025400	.165675	.428409	1.000000	.600610	.669998
4	.038100	.177018	.471010	1.000000	.612082	.743624
5	.050800	.193062	.520542	1.000000	.627444	.832075
6	.063500	.212092	.568175	1.000000	.644525	.920493
7	.076200	.242165	.629598	1.000000	.670416	1.040290
8	.088900	.283358	.688531	1.000000	.700112	1.162589
9	.101600	.331490	.747289	1.000000	.735494	1.293293
10	.114300	.387011	.802900	1.000000	.775544	1.426867
11	.127000	.437606	.845762	1.000000	.811777	1.537748
12	.139700	.502231	.892127	1.000000	.857458	1.667063
13	.152400	.556930	.926235	1.000000	.896278	1.769542
14	.165100	.615809	.958315	1.000000	.937658	1.872617
15	.177800	.660210	.980037	1.000000	.968810	1.946616
16	.190500	.692522	.994697	1.000000	.991458	1.998695
17	.203200	.705208	1.000212	1.000000	1.000345	2.018764
18	.215900	.694586	.995647	1.000000	.992974	2.002133
19	.228600	.662076	.989908	1.000000	.970118	1.949662
20	.241300	.590287	.944905	1.000000	.919733	1.828680
21	.254000	.546632	.920136	1.000000	.889030	1.750863
22	.266700	.525513	.907326	1.000000	.874154	1.711890
23	.279400	.518648	.903006	1.000000	.869314	1.699017
24	.292100	.516782	.901820	1.000000	.867999	1.695501
25	.304800	.515514	.901011	1.000000	.867104	1.693106
26	.317500	.516558	.901677	1.000000	.867841	1.695079
27	.330200	.515663	.901106	1.000000	.867209	1.693388
28	.342900	.520066	.903904	1.000000	.870314	1.701684
29	.355600	.525140	.907093	1.000000	.873891	1.711193
30	.368300	.529021	.909505	1.000000	.876526	1.718427
31	.381000	.536334	.913993	1.000000	.881778	1.731974
32	.393700	.544990	.919208	1.000000	.887374	1.747866
33	.406400	.552005	.923359	1.000000	.892812	1.760635
34	.419100	.560885	.928521	1.000000	.899060	1.776662
35	.431800	.569094	.933202	1.000000	.904834	1.791343
36	.444500	.577004	.937633	1.000000	.910397	1.805373
37	.457200	.585959	.942558	1.000000	.916691	1.821120
38	.469900	.594541	.947191	1.000000	.922722	1.836079
39	.482600	.603720	.952052	1.000000	.929169	1.851940
40	.495300	.611331	.956014	1.000000	.934515	1.864987
41	.508000	.622077	.961501	1.000000	.942059	1.883247
42	.520700	.630733	.965834	1.000000	.948134	1.897824
43	.533400	.637823	.969326	1.000000	.953109	1.909676

STATION X= 5.51 CM PTO= 23.796 N/SQ CM TTO=298.67K

R= 2.588 CM PWALL= 2.9828 N/SQ CM CF= .00119 PT =2.766

UE= 509.2 M/SEC RHOE=.01965 KG/CUB M RE= 27.15856 /M

DELTA= .208 CM DELTA*= .0757 CM THETA= .0199 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.125347	.000000	1.000000	.557556	.000000
2	.012700	.187242	.500511	1.000000	.636510	.779402
3	.025400	.193510	.519442	1.000000	.642527	.812696
4	.038100	.211420	.566419	1.000000	.658284	.897472
5	.050800	.227763	.602289	1.000000	.673153	.964511
6	.063500	.250150	.645878	1.000000	.692477	1.049057
7	.076200	.279477	.687365	1.000000	.713294	1.133097
8	.088900	.317386	.736945	1.000000	.741763	1.238834
9	.101600	.361713	.785676	1.000000	.774231	1.349350
10	.114300	.410592	.831560	1.000000	.809674	1.460476
11	.127000	.471635	.879994	1.000000	.853314	1.586645
12	.139700	.528871	.919176	1.000000	.894303	1.696627
13	.152400	.575661	.947317	1.000000	.927499	1.780728
14	.165100	.578049	.948676	1.000000	.929191	1.784909
15	.177800	.647673	.985451	1.000000	.978464	1.902624
16	.190500	.666180	.994387	1.000000	.991543	1.932667
17	.203200	.676553	.999258	1.000000	.998871	1.949295
18	.215900	.679015	1.000400	1.000000	1.000519	1.953223
19	.228600	.677374	.999639	1.000000	.999451	1.950605
20	.241300	.676627	.999293	1.000000	.998223	1.949415
21	.254000	.672672	.997447	1.000000	.996130	1.943092
22	.266700	.671254	.996782	1.000000	.995128	1.940820
23	.279400	.670135	.996256	1.000000	.994337	1.939025
24	.292100	.670135	.996256	1.000000	.994337	1.939025
25	.304800	.670135	.996256	1.000000	.994337	1.939025
26	.317500	.670135	.996256	1.000000	.994337	1.939025
27	.330200	.666553	.994564	1.000000	.991897	1.933267
28	.342900	.631853	.977549	1.000000	.957278	1.876549
29	.355600	.546259	.929982	1.000000	.916548	1.728381
30	.368300	.510588	.907067	1.000000	.881027	1.661803
31	.381000	.505738	.903836	1.000000	.877581	1.652642
32	.393700	.510290	.906869	1.000000	.880815	1.661241
33	.406400	.515215	.910113	1.000000	.884314	1.670492
34	.419100	.521036	.914161	1.000000	.888725	1.682111
35	.431800	.527066	.917990	1.000000	.892977	1.693183
36	.444500	.533200	.921906	1.000000	.897377	1.704590
37	.457200	.540886	.926689	1.000000	.902835	1.718635
38	.469900	.545433	.929481	1.000000	.906066	1.726896
39	.482600	.552005	.933460	1.000000	.910725	1.738741
40	.495300	.556781	.936316	1.000000	.914113	1.747303
41	.508000	.563049	.940020	1.000000	.918559	1.758474
42	.520700	.570512	.944362	1.000000	.923850	1.771677
43	.533400	.576253	.947657	1.000000	.927922	1.781774

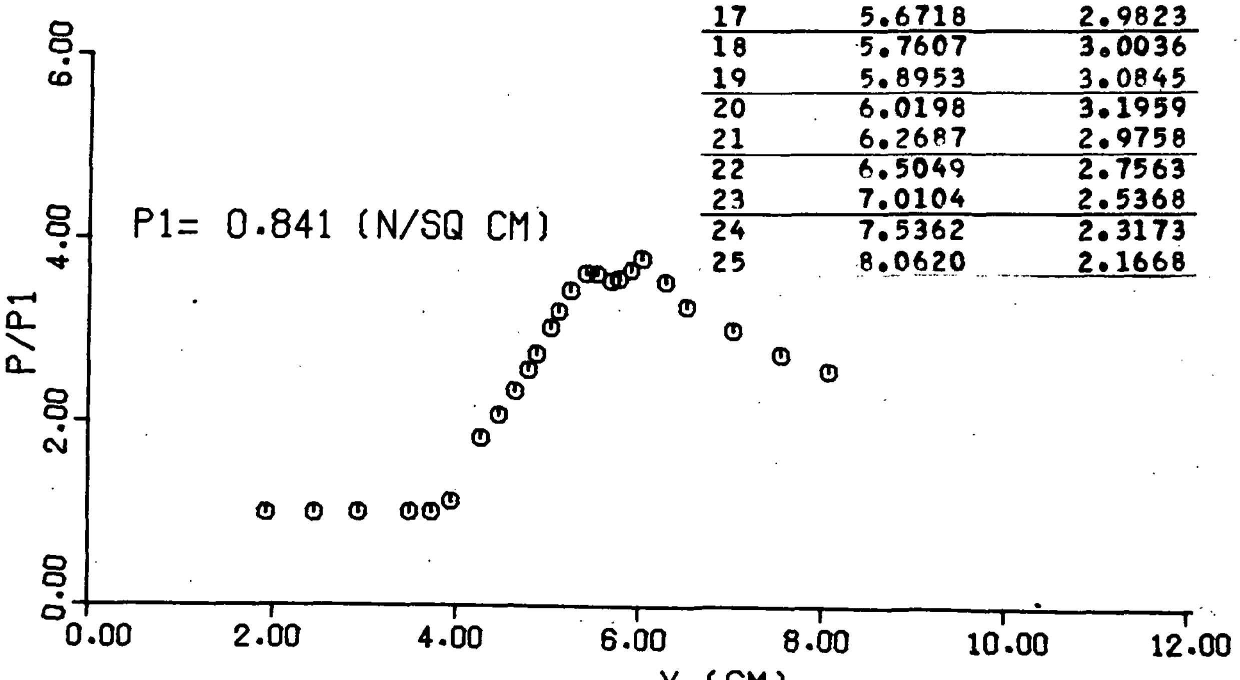
STATION X= 6.77 CM PT0= 23.796 N/SQ CM TT0=298.67K
R= 2.588 CM PWALL= 2.9955 N/SQ CM CF= .00142 RT =2.149
UE= 509.7 M/SEC RHOE=.01916 KG/CUB M RE= 27.37756 /M
DELTA= .208 CM DELTA*= .0699 CM THETA= .0190 CM

I	Y(CM)	PT/PT0	U/UE	TT/TT0	RHO/RHOE	M
1	.000000	.125880	.000000	1.000000	.565714	.000000
2	.012700	.190632	.532132	1.000000	.645969	.836210
3	.025400	.220524	.584496	1.000000	.665174	.932035
4	.038100	.238509	.622847	1.000000	.681219	1.005112
5	.050800	.257359	.651405	1.000000	.694389	1.061304
6	.063500	.280570	.687113	1.000000	.712458	1.133960
7	.076200	.310523	.726033	1.000000	.734462	1.216552
8	.088900	.343729	.764658	1.000000	.759002	1.302504
9	.101600	.383727	.804763	1.000000	.787776	1.396560
10	.114300	.437064	.851275	1.000000	.826101	1.512782
11	.127000	.494992	.894226	1.000000	.867162	1.628123
12	.139700	.544095	.926345	1.000000	.902137	1.720279
13	.152400	.592227	.954291	1.000000	.936069	1.805196
14	.165100	.629017	.973796	1.000000	.961960	1.867395
15	.177800	.656852	.987616	1.000000	.981528	1.913063
16	.190500	.671150	.994441	1.000000	.991594	1.936136
17	.203200	.680582	.998819	1.000000	.998199	1.951125
18	.215900	.683433	1.001047	1.000000	1.001605	1.958812
19	.228600	.684528	1.000638	1.000000	1.000976	1.957395
20	.241300	.682747	.999816	1.000000	.999718	1.954553
21	.254000	.680881	.998957	1.000000	.998408	1.951600
22	.266700	.680881	.998957	1.000000	.998408	1.951600
23	.279400	.680209	.998647	1.000000	.997937	1.950533
24	.292100	.680209	.998647	1.000000	.997937	1.950533
25	.304800	.679314	.998233	1.000000	.997309	1.949110
26	.317500	.679612	.998371	1.000000	.997517	1.949585
27	.330200	.679612	.998371	1.000000	.997517	1.949585
28	.342900	.678344	.997784	1.000000	.996626	1.947568
29	.355600	.678493	.997853	1.000000	.996731	1.947805
30	.368300	.678493	.997853	1.000000	.996731	1.947805
31	.381000	.678493	.997853	1.000000	.996731	1.947805
32	.393700	.678493	.997853	1.000000	.996731	1.947805
33	.406400	.678493	.997853	1.000000	.996731	1.947805
34	.419100	.677448	.997368	1.000000	.995997	1.946143
35	.431800	.654613	.985532	1.000000	.979056	1.909431
36	.444500	.577377	.945980	1.000000	.925608	1.779449
37	.457200	.524394	.914005	1.000000	.888224	1.684225
38	.469900	.518051	.909645	1.000000	.883457	1.671692
39	.482600	.521708	.912275	1.000000	.886226	1.679245
40	.495300	.526633	.915436	1.000000	.889906	1.688363
41	.508000	.531856	.918744	1.000000	.893496	1.697977
42	.520700	.535586	.921095	1.000000	.896131	1.704609
43	.533400	.541707	.924879	1.000000	.900451	1.715951

ID NO. 12318-011

PTO= 23.8253 N/SQ CM
TTO= 299.0000 K
PBAR= 766.7000 MMHG
TMAN= 299.2222 K

I	X(CM)	P(N/SQ CM)
1	1.9304	.8410
2	2.4536	.8410
3	2.9413	.8492
4	3.5001	.8499
5	3.7363	.8499
6	3.9472	.9521
7	4.2723	1.5351
8	4.4653	1.7470
9	4.6355	1.9679
10	4.7803	2.1623
11	4.8717	2.3098
12	5.0216	2.5509
13	5.1079	2.7004
14	5.2324	2.8938
15	5.3950	3.0522
16	5.5194	3.0464
17	5.6718	2.9823
18	5.7607	3.0036
19	5.8953	3.0845
20	6.0198	3.1959
21	6.2687	2.9758
22	6.5049	2.7563
23	7.0104	2.5368
24	7.5362	2.3173
25	8.0620	2.1668



ID NO. 12318 -011

ID NO. 12316-012

STATION X= 3.73 CM PTO= 23.824 N/SQ CM TTO=297.56K
R= 2.588 CM PWALL= .8504 N/SQ CM CF= .00192 PI = .700
UE= 603.6 M/SEC RHOE=.00793 KG/CUB M RE= 19.135E6 /M
DELTA= .345 CM DELTA*= .0996 CM THETA= .0193 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.035696	.000000	1.000000	.390117	.000000
2	.012700	.082781	.591845	1.000000	.496098	1.165474
3	.025400	.115502	.696555	1.000000	.554072	1.449605
4	.038100	.133242	.738689	1.000000	.584699	1.579205
5	.050800	.146285	.765523	1.000000	.607098	1.667627
6	.063500	.157093	.785841	1.000000	.625820	1.738083
7	.076200	.168721	.805627	1.000000	.645713	1.809944
8	.088900	.178187	.820511	1.000000	.661885	1.866322
9	.101600	.188771	.836008	1.000000	.679945	1.927339
10	.114300	.199057	.850035	1.000000	.697480	1.984786
11	.127000	.211653	.865984	1.000000	.718935	2.052890
12	.139700	.222163	.878530	1.000000	.737067	2.108732
13	.152400	.233716	.891275	1.000000	.756734	2.167675
14	.165100	.248996	.906887	1.000000	.782730	2.243210
15	.177800	.260623	.917921	1.000000	.802502	2.299001
16	.190500	.272623	.928621	1.000000	.822900	2.355174
17	.203200	.286562	.940257	1.000000	.846584	2.418759
18	.215900	.298711	.949771	1.000000	.867223	2.472834
19	.228600	.309668	.957893	1.000000	.885831	2.520595
20	.241300	.323308	.967448	1.000000	.908990	2.578804
21	.254000	.333519	.974231	1.000000	.926325	2.621528
22	.266700	.344178	.980996	1.000000	.944417	2.665385
23	.279400	.353867	.986995	1.000000	.961172	2.705369
24	.292100	.362439	.992011	1.000000	.975726	2.739628
25	.304800	.367657	.994980	1.000000	.984584	2.760271
26	.317500	.371532	.997145	1.000000	.991165	2.775506
27	.330200	.374961	.999032	1.000000	.996985	2.788913
28	.342900	.376526	.999886	1.000000	.999643	2.795012
29	.355600	.377719	1.000532	1.000000	1.001667	2.799650
30	.368300	.379284	1.001376	1.000000	1.004324	2.805725
31	.381000	.379582	1.001536	1.000000	1.004830	2.806881
32	.393700	.379731	1.001616	1.000000	1.005083	2.807459
33	.406400	.379731	1.001616	1.000000	1.005083	2.807459
34	.419100	.379731	1.001616	1.000000	1.005083	2.807459
35	.431800	.379731	1.001616	1.000000	1.005083	2.807459
36	.444500	.379731	1.001616	1.000000	1.005083	2.807459
37	.457200	.379731	1.001616	1.000000	1.005083	2.807459
38	.469900	.379731	1.001616	1.000000	1.005083	2.807459
39	.482600	.379731	1.001616	1.000000	1.005083	2.807459
40	.495300	.379731	1.001615	1.000000	1.005083	2.807459
41	.508000	.379731	1.001616	1.000000	1.005083	2.807459
42	.520700	.379731	1.001616	1.000000	1.005083	2.807459
43	.533400	.379731	1.001615	1.000000	1.005083	2.807459

ID NO. 1231E-013

STATION X= 3.94 CM PTO= 23.824 N/SQ CM TTO=297.56K
R= 2.588 CM PWALL= .9526 N/SQ CM CF= .00196 PI = .730
UE= 589.9 M/SEC RHOE=.00830 KG/CUB M RE= 18.311E6 /M
DELTA= .352 CM DELTA*= .0988 CM THETA= .0208 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.039985	.000000	1.000000	.417553	.000000
2	.012700	.095750	.616497	1.000000	.536266	1.192282
3	.025400	.117440	.682521	1.000000	.573030	1.364465
4	.038100	.137937	.732260	1.000000	.607182	1.506892
5	.050800	.148820	.755022	1.000000	.625196	1.576500
6	.063500	.158807	.774194	1.000000	.641505	1.637599
7	.076200	.168646	.791912	1.000000	.657840	1.696268
8	.088900	.178485	.808187	1.000000	.673945	1.752193
9	.101600	.189367	.824935	1.000000	.691731	1.811949
10	.114300	.201293	.841951	1.000000	.711195	1.875163
11	.127000	.211504	.855534	1.000000	.727844	1.927587
12	.139700	.224324	.871440	1.000000	.748725	1.991391
13	.152400	.237144	.886208	1.000000	.769589	2.053160
14	.165100	.248399	.898503	1.000000	.788154	2.106603
15	.177800	.261667	.911893	1.000000	.809734	2.167070
16	.190500	.273294	.922901	1.000000	.828638	2.218683
17	.203200	.289021	.936820	1.000000	.854195	2.286610
18	.215900	.300053	.945978	1.000000	.872113	2.333057
19	.228600	.311755	.955199	1.000000	.891116	2.381325
20	.241300	.322041	.962914	1.000000	.907815	2.422947
21	.254000	.334712	.971955	1.000000	.928392	2.473246
22	.266700	.344252	.978449	1.000000	.943864	2.510446
23	.279400	.352749	.984021	1.000000	.957651	2.543114
24	.292100	.360948	.989218	1.000000	.970952	2.574239
25	.304800	.366762	.992802	1.000000	.980383	2.596081
26	.317500	.371607	.995726	1.000000	.988242	2.614142
27	.330200	.375110	.997806	1.000000	.993924	2.627123
28	.342900	.377868	.999424	1.000000	.998396	2.637297
29	.355600	.379210	1.000205	1.000000	1.000572	2.642232
30	.368300	.380924	1.001197	1.000000	1.003353	2.648525
31	.381000	.381744	1.001669	1.000000	1.004682	2.651529
32	.393700	.382042	1.001840	1.000000	1.005166	2.652621
33	.406400	.382489	1.002097	1.000000	1.005891	2.654257
34	.419100	.382489	1.002097	1.000000	1.005891	2.654257
35	.431800	.382489	1.002097	1.000000	1.005891	2.654257
36	.444500	.382489	1.002097	1.000000	1.005891	2.654257
37	.457200	.396651	1.010115	1.000000	1.029189	2.706300
38	.469900	.527014	1.067253	1.000000	1.240592	3.139350
39	.482600	.547809	1.074391	1.000000	1.274300	3.202992
40	.495300	.550120	1.075158	1.000000	1.278046	3.209985
41	.508000	.551367	1.075576	1.000000	1.280099	3.213814
42	.520700	.550642	1.075330	1.000000	1.278891	3.211562
43	.533400	.551015	1.075453	1.000000	1.279495	3.212688

ID NO. 12318-014

STATION X= 4.27 CM PTO= 23.824 N/SQ CM TTO=297.56K
R= 2.588 CM PWALL= 1.5356 N/SQ CM CF= .00119 PT =2.012
UE= 578.1 M/SEC RHOE=.01268 KG/CUB M RE= 26.04956 /M
DELTA= .436 CM DELTA*= .1544 CM THETA= .0321 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.064456	.000000	1.000000	.440465	.000000
2	.012700	.094036	.427575	1.000000	.490656	.754821
3	.025400	.116322	.526698	1.000000	.521396	.958494
4	.038100	.134807	.581505	1.000000	.543251	1.080183
5	.050800	.148820	.616412	1.000000	.559393	1.161912
6	.063500	.159925	.640822	1.000000	.571865	1.221314
7	.076200	.170062	.661399	1.000000	.583218	1.272982
8	.088900	.181243	.682378	1.000000	.595659	1.327295
9	.101600	.191529	.700066	1.000000	.606888	1.374475
10	.114300	.201889	.716742	1.000000	.618148	1.420210
11	.127000	.210759	.730491	1.000000	.627959	1.458895
12	.139700	.223355	.748487	1.000000	.641581	1.510961
13	.152400	.234387	.763261	1.000000	.653476	1.555003
14	.165100	.246834	.778946	1.000000	.666867	1.603136
15	.177800	.258387	.792662	1.000000	.679272	1.646468
16	.190500	.272176	.808310	1.000000	.694280	1.697418
17	.203200	.281866	.818579	1.000000	.704663	1.731787
18	.215900	.294761	.831583	1.000000	.718464	1.776444
19	.228600	.306016	.842365	1.000000	.730497	1.814484
20	.241300	.317196	.852593	1.000000	.742441	1.851469
21	.254000	.329420	.863266	1.000000	.755490	1.891047
22	.266700	.339258	.871496	1.000000	.765986	1.922291
23	.279400	.349619	.879838	1.000000	.777032	1.954636
24	.292100	.370936	.896039	1.000000	.799745	2.019511
25	.304800	.491684	.969204	1.000000	.928472	2.353656
26	.317500	.527461	.986256	1.000000	.966483	2.443599
27	.330200	.534915	.989605	1.000000	.974399	2.461918
28	.342900	.541250	.992400	1.000000	.981128	2.477382
29	.355600	.545275	.994152	1.000000	.985402	2.487156
30	.368300	.547884	.995278	1.000000	.988173	2.493470
31	.381000	.549300	.995886	1.000000	.989676	2.496891
32	.393700	.550642	.996460	1.000000	.991101	2.500127
33	.406400	.552878	.997412	1.000000	.993476	2.505512
34	.419100	.556530	.998955	1.000000	.997354	2.514282
35	.431800	.558394	.999737	1.000000	.999332	2.518744
36	.444500	.560481	1.000609	1.000000	1.001548	2.523733
37	.457200	.562120	1.001290	1.000000	1.003289	2.527645
38	.469900	.562195	1.001320	1.000000	1.003368	2.527823
39	.482600	.563313	1.001783	1.000000	1.004556	2.530487
40	.495300	.564729	1.002368	1.000000	1.006059	2.533857
41	.508000	.565176	1.002552	1.000000	1.006534	2.534921
42	.520700	.566369	1.003042	1.000000	1.007800	2.537754
43	.533400	.567338	1.003439	1.000000	1.008829	2.540054

STATION X= 4.47 CM PTO= 23.824 N/SQ CM TTO=297.56K
R= 2.588 CM PWALL= 1.7479 N/SQ CM CF= .00077 PI =4.183
UE= 549.4 M/SEC RHOE=.01285 KG/CUB M RE= 22.487E6 /M
DELTA= .271 CM DELTA*= .1200 CM THETA= .0249 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.073366	.000000	1.000000	.494694	.000000
2	.012700	.077787	.181138	1.000000	.503034	.290336
3	.025400	.092322	.354642	1.000000	.528267	.582519
4	.038100	.106409	.446609	1.000000	.550141	.748615
5	.050800	.124968	.528538	1.000000	.576001	.906530
6	.063500	.140919	.582450	1.000000	.597041	1.017080
7	.076200	.157764	.622310	1.000000	.615054	1.102954
8	.088900	.175727	.661969	1.000000	.635385	1.192478
9	.101600	.193988	.696726	1.000000	.655475	1.274777
10	.114300	.208001	.720851	1.000000	.670835	1.334281
11	.127000	.224473	.746440	1.000000	.688550	1.399769
12	.139700	.239679	.768396	1.000000	.705043	1.458099
13	.152400	.256673	.790723	1.000000	.723172	1.519634
14	.165100	.269493	.806407	1.000000	.736806	1.564317
15	.177800	.287456	.826915	1.000000	.755861	1.624710
16	.190500	.345221	.883721	1.000000	.817169	1.805365
17	.203200	.399260	.926802	1.000000	.874078	1.958196
18	.215900	.430192	.948225	1.000000	.906592	2.040382
19	.228600	.452255	.962492	1.000000	.930069	2.097725
20	.241300	.476404	.976901	1.000000	.955435	2.157970
21	.254000	.495411	.987572	1.000000	.975390	2.204205
22	.266700	.512629	.996772	1.000000	.993459	2.245252
23	.279400	.530443	1.005859	1.000000	1.012149	2.286932
24	.292100	.539760	1.010446	1.000000	1.021922	2.308427
25	.304800	.545946	1.013433	1.000000	1.028411	2.322588
26	.317500	.549524	1.015138	1.000000	1.032163	2.330738
27	.330200	.551685	1.016162	1.000000	1.034430	2.335648
28	.342900	.553549	1.017039	1.000000	1.036384	2.339872
29	.355600	.555636	1.018017	1.000000	1.038572	2.344594
30	.368300	.557499	1.018887	1.000000	1.040526	2.348802
31	.381000	.559437	1.019786	1.000000	1.042558	2.353170
32	.393700	.561375	1.020681	1.000000	1.044590	2.357530
33	.406400	.562866	1.021367	1.000000	1.046153	2.360878
34	.419100	.563611	1.021709	1.000000	1.046935	2.362551
35	.431800	.564580	1.022153	1.000000	1.047951	2.364723
36	.444500	.565996	1.022799	1.000000	1.049436	2.367894
37	.457200	.567263	1.023375	1.000000	1.050764	2.370728
38	.469900	.568903	1.024119	1.000000	1.052483	2.374390
39	.482600	.570617	1.024893	1.000000	1.054281	2.378212
40	.495300	.570916	1.025027	1.000000	1.054593	2.378876
41	.508000	.571810	1.025429	1.000000	1.055531	2.380867
42	.520700	.572034	1.025529	1.000000	1.055766	2.381365
43	.533400	.572630	1.025797	1.000000	1.056391	2.382691

ID NO. 12318-017

STATION X= 4.78 CM PTO= 23.824 N/SQ CM TTO=297.56K
R= 2.588 CM PWALL= 2.1879 N/SQ CM CF= .00065 PI[illegible]=5.058
UE= 535.4 M/SEC RHOE=.01530 KG/CUB M RE= 24.916E6 /M
DELTA= .242 CM DELTA*= .1115 CM THETA= .0238 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.091834	.000000	1.000000	.520082	.000000
2	.012700	.098210	.198948	1.000000	.530153	.311153
3	.025400	.108943	.315066	1.000000	.546098	.500114
4	.038100	.123776	.412717	1.000000	.566382	.667174
5	.050800	.140397	.487845	1.000000	.587144	.802947
6	.063500	.161118	.556039	1.000000	.610698	.933363
7	.076200	.186535	.616042	1.000000	.635900	1.055205
8	.088900	.212026	.665571	1.000000	.660503	1.161888
9	.101600	.236325	.705314	1.000000	.683189	1.252233
10	.114300	.262710	.742792	1.000000	.707392	1.341929
11	.127000	.285667	.771571	1.000000	.728106	1.414183
12	.139700	.310935	.800461	1.000000	.751023	1.490044
13	.152400	.337768	.827887	1.000000	.775009	1.565513
14	.165100	.365197	.853304	1.000000	.799439	1.638811
15	.177800	.393222	.877211	1.000000	.824606	1.711039
16	.190500	.429149	.904652	1.000000	.856473	1.798337
17	.203200	.471261	.933362	1.000000	.893747	1.895352
18	.215900	.509945	.956991	1.000000	.927929	1.980148
19	.228600	.552729	.980558	1.000000	.965688	2.069780
20	.241300	.590295	.999538	1.000000	.999149	2.146086
21	.254000	.623687	1.014951	1.000000	1.028594	2.211055
22	.266700	.647538	1.025294	1.000000	1.049617	2.256296
23	.279400	.668408	1.033927	1.000000	1.068006	2.295139
24	.292100	.681750	1.039254	1.000000	1.079759	2.319625
25	.304800	.692185	1.043322	1.000000	1.088951	2.338595
26	.317500	.683614	1.039987	1.000000	1.081401	2.323024
27	.330200	.656035	1.028854	1.000000	1.057104	2.272192
28	.342900	.617053	1.011979	1.000000	1.022746	2.198304
29	.355600	.585674	.997313	1.000000	.995073	2.136936
30	.368300	.574270	.991721	1.000000	.985012	2.114183
31	.381000	.570766	.989973	1.000000	.981921	2.107143
32	.393700	.570543	.989861	1.000000	.981723	2.106693
33	.406400	.571065	.990122	1.000000	.982184	2.107743
34	.419100	.572928	.991053	1.000000	.983828	2.111490
35	.431800	.574046	.991610	1.000000	.984814	2.113734
36	.444500	.575835	.992497	1.000000	.986393	2.117321
37	.457200	.576655	.992903	1.000000	.987116	2.118962
38	.469900	.578369	.993748	1.000000	.988629	2.122391
39	.482600	.579114	.994115	1.000000	.989286	2.123879
40	.495300	.580382	.994736	1.000000	.990404	2.126408
41	.508000	.580382	.994736	1.000000	.990404	2.126408
42	.520700	.580829	.994955	1.000000	.990799	2.127300
43	.533400	.580829	.994955	1.000000	.990799	2.127300

STATION X= 5.03 CM PT0= 23.824 N/SQ CM TT0=297.56K
R= 2.588 CM PWALL= 2.5569 N/SQ CM CF= .00175 PI =1.351
UE= 512.5 M/SEC RHOE=.01652 KG/CUB M RE= 24.243E6 /M.
DELTA= .292 CM DELTA*= .0781 CM THETA= .0217 CM

I	Y(CM)	PT/PT0	U/UE	TT/TT0	RHO/RHOE	M
1	.000000	.107322	.000000	1.000000	.559725	.000000
2	.012700	.159776	.494064	1.000000	.627122	.775925
3	.025400	.178634	.554706	1.000000	.647434	.885157
4	.038100	.203752	.618669	1.000000	.673163	1.006649
5	.050800	.225877	.675366	1.000000	.700272	1.120893
6	.063500	[illegible]	.725595	1.000000	.728618	1.228360
7	.076200	.295549	.752898	1.000000	.752567	1.312500
8	.088900	.323308	.794120	1.000000	.774866	1.386307
9	.101600	.351736	.824287	1.000000	.798631	1.460870
10	.114300	.381744	.852841	1.000000	.823402	1.534737
11	.127000	.419533	.885103	1.000000	.854431	1.622526
12	.139700	.447738	.907185	1.000000	.877779	1.685575
13	.152400	.470069	.922333	1.000000	.896067	1.733361
14	.165100	.482367	.931814	1.000000	.906115	1.759061
15	.177800	.498616	.942614	1.000000	.919281	1.792427
16	.190500	.517175	.954422	1.000000	.934520	1.829762
17	.203200	.531859	.963392	1.000000	.946489	1.858749
18	.215900	.540803	.968704	1.000000	.953776	1.876175
19	.228600	.553195	.974162	1.000000	.961425	1.894300
20	.241300	.557946	.978979	1.000000	.967737	1.909124
21	.254000	.567711	.984031	1.000000	.975695	1.927629
22	.266700	.576963	.989083	1.000000	.983206	1.944978
23	.279400	.587761	.994359	1.000000	.991999	1.965066
24	.292100	.597590	1.000000	1.000000	1.000000	1.983170
25	.304800	.609451	1.006048	1.000000	1.009636	2.004754
26	.317500	.621504	1.011799	1.000000	1.019027	2.025565
27	.330200	.631662	1.016982	1.000000	1.027638	2.044579
28	.342900	.641501	1.021565	1.000000	1.035682	2.061906
29	.355600	.650594	1.025910	1.000000	1.043069	2.077905
30	.368300	.659837	1.030146	1.000000	1.050574	2.093977
31	.381000	.667663	1.033865	1.000000	1.057290	2.108233
32	.393700	.674660	1.036974	1.000000	1.062972	2.120260
33	.406400	.675642	1.037139	1.000000	1.063276	2.120898
34	.419100	.659985	1.030213	1.000000	1.050695	2.094235
35	.431800	.612656	1.007658	1.000000	1.012241	2.010550
36	.444500	.573437	.986051	1.000000	.978718	1.934644
37	.457200	.551239	.974761	1.000000	.962275	1.896303
38	.469900	.541623	.969188	1.000000	.954444	1.877767
39	.482600	.538269	.967210	1.000000	.951711	1.871257
40	.495300	.535297	.965442	1.000000	.949282	1.865450
41	.508000	.534542	.964997	1.000000	.948675	1.863995
42	.520700	.534542	.964997	1.000000	.948675	1.863995
43	.533400	.535660	.965663	1.000000	.949586	1.866177

STATION X= 5.23 CM PTO= 23.824 N/SQ CM TTO=297.56K
R= 2.588 CM PWALL= 2.8882 N/SQ CM CF= .00270 PT = .345
UE= 476.0 M/SEC RHOE=.01693 KG/CUB M RE= 20.91156 /M
DELTA= .292 CM DELTA*= .0374 CM THETA= .0101 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.121227	.000000	1.000000	.620728	.000000
2	.012700	.189218	.561200	1.000000	.704932	.823572
3	.025400	.213219	.626757	1.000000	.729399	.935603
4	.038100	.245567	.691917	1.000000	.758443	1.053235
5	.050800	.285965	.757457	1.000000	.793368	1.179248
6	.063500	.327705	.812954	1.000000	.828365	1.293253
7	.076200	.385172	.876351	1.000000	.875841	1.433507
8	.088900	.435410	.922479	1.000000	.916540	1.543626
9	.101600	.478119	.956856	1.000000	.950955	1.630951
10	.114300	.515312	.984158	1.000000	.981156	1.703898
11	.127000	.553921	1.009761	1.000000	1.012132	1.775603
12	.139700	.592382	1.033138	1.000000	1.042234	1.844152
13	.152400	.614295	1.045617	1.000000	1.060464	1.882047
14	.165100	.598941	1.036934	1.000000	1.048182	1.855579
15	.177800	.581276	1.026588	1.000000	1.034044	1.824634
16	.190500	.578593	1.024982	1.000000	1.031896	1.819886
17	.203200	.563313	1.015654	1.000000	1.019658	1.792597
18	.215900	.540207	1.000928	1.000000	1.001136	1.750493
19	.228600	.532157	.995612	1.000000	.994673	1.735567
20	.241300	.530592	.994567	1.000000	.993422	1.732650
21	.254000	.532306	.995712	1.000000	.994798	1.735844
22	.266700	.533871	.996753	1.000000	.996054	1.738756
23	.279400	.536107	.998233	1.000000	.997948	1.742906
24	.292100	.538791	1.000000	1.000000	1.000000	1.747873
25	.304800	.542443	1.002337	1.000000	1.002929	1.754610
26	.317500	.546170	1.004802	1.000000	1.005918	1.761456
27	.330200	.550120	1.007340	1.000000	1.009385	1.768683
28	.342900	.556307	1.011269	1.000000	1.014044	1.779939
29	.355600	.561226	1.014355	1.000000	1.017086	1.788836
30	.368300	.567412	1.018187	1.000000	1.022042	1.799961
31	.381000	.576059	1.023457	1.000000	1.029367	1.815389
32	.393700	.585121	1.029455	1.000000	1.037923	1.833175
33	.406400	.594095	1.034135	1.000000	1.044305	1.847145
34	.419100	.602663	1.039067	1.000000	1.051164	1.862033
35	.431800	.613475	1.045160	1.000000	1.059808	1.880644
36	.444500	.621362	1.049458	1.000000	1.066066	1.893998
37	.457200	.629263	1.053787	1.000000	1.073382	1.907381
38	.469900	.638295	1.058690	1.000000	1.079659	1.922656
39	.482600	.637103	1.058018	1.000000	1.078697	1.920669
40	.495300	.619587	1.048546	1.000000	1.064406	1.891091
41	.508000	.580605	1.026168	1.000000	1.033507	1.823448
42	.520700	.548484	1.006290	1.000000	1.007779	1.765687
43	.533400	.536773	.998676	1.000000	.998386	1.744149

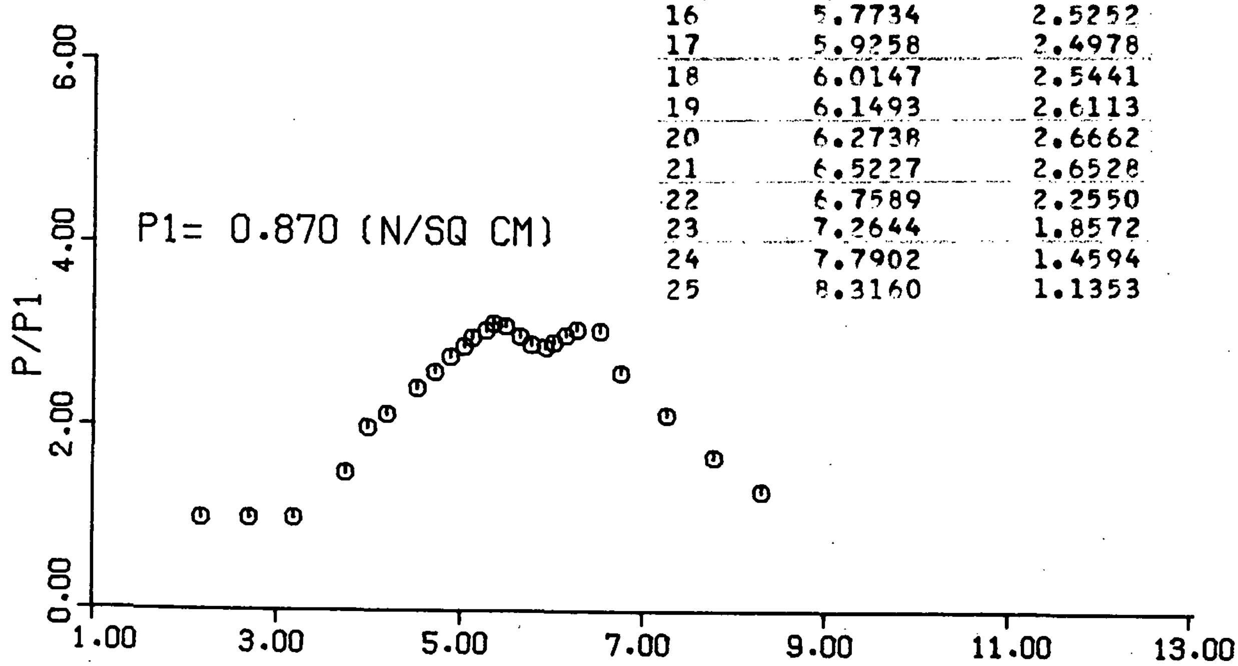
STATION X= 5.51 CM PTO= 23.824 N/SQ CM TTO=297.56K
R= 2.588 CM PWALL= 3.0092 N/SQ CM CF= .00347 PT :=-.193
UE= 459.0 M/SEC RHOE=.01691 KG/CUB M RE= 19.424E6 /M
DELTA= .296 CM DELTA*=-.0059 CM THETA=-.0096 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.126309	.000000	1.000000	.647344	.000000
2	.012700	.229393	.666689	1.000000	.757574	.964061
3	.025400	.255108	.716224	1.000000	.790215	1.050854
4	.038100	.280450	.759381	1.000000	.812595	1.129770
5	.050800	.312649	.806197	1.000000	.839845	1.219366
6	.063500	.351631	.855466	1.000000	.872527	1.318821
7	.076200	.406117	.913515	1.000000	.917301	1.443993
8	.088900	.452031	.955272	1.000000	.954523	1.540329
9	.101600	.513150	1.003462	1.000000	1.003793	1.659268
10	.114300	.574642	1.045593	1.000000	1.053527	1.771246
11	.127000	.624730	1.075744	1.000000	1.093675	1.856720
12	.139700	.658570	1.094434	1.000000	1.120760	1.912225
13	.152400	.685924	1.108666	1.000000	1.142635	1.955907
14	.165100	.696583	1.114016	1.000000	1.151155	1.972657
15	.177800	.701949	1.116669	1.000000	1.155444	1.981036
16	.190500	.704558	1.117949	1.000000	1.157529	1.985096
17	.203200	.706272	1.118787	1.000000	1.158899	1.987759
18	.215900	.707241	1.119260	1.000000	1.159673	1.989263
19	.228600	.708807	1.120022	1.000000	1.160924	1.991689
20	.241300	.708807	1.120022	1.000000	1.160924	1.991689
21	.254000	.684657	1.108023	1.000000	1.141622	1.953905
22	.266700	.602370	1.062674	1.000000	1.075762	1.819078
23	.279400	.546691	1.027299	1.000000	1.031986	1.721621
24	.292100	.514045	1.004114	1.000000	1.004512	1.660941
25	.304800	.502194	.995357	1.000000	.994978	1.638623
26	.317500	.502492	.995580	1.000000	.995218	1.639188
27	.330200	.504653	.997195	1.000000	.996958	1.643281
28	.342900	.509871	1.001059	1.000000	1.001155	1.653117
29	.355600	.513076	1.003408	1.000000	1.003733	1.659128
30	.368300	.520380	1.008695	1.000000	1.009606	1.672743
31	.381000	.525747	1.012812	1.000000	1.014249	1.683427
32	.393700	.532679	1.017684	1.000000	1.019824	1.696163
33	.406400	.539685	1.022530	1.000000	1.025456	1.708945
34	.419100	.546915	1.027449	1.000000	1.031266	1.722024
35	.431800	.553698	1.031992	1.000000	1.036714	1.734200
36	.444500	.561822	1.037343	1.000000	1.043238	1.748668
37	.457200	.568456	1.041640	1.000000	1.048563	1.760389
38	.469900	.574866	1.045735	1.000000	1.053707	1.771637
39	.482600	.582692	1.050656	1.000000	1.059985	1.785270
40	.495300	.588655	1.054351	1.000000	1.064767	1.795585
41	.508000	.596332	1.059040	1.000000	1.070922	1.808775
42	.520700	.601922	1.062406	1.000000	1.075403	1.818317
43	.533400	.608556	1.066350	1.000000	1.080719	1.829573

ID NO. 12318-021

PTO= 23.8069 N/SQ CM
TTO= 296.8889 K
PBAR= 759.4000 MMHG
TMAN= 293.3889 K

I	X(CM)	P(N/SQ CM)
1	2.1844	.8702
2	2.7076	.8702
3	3.1953	.8726
4	3.7541	1.3009
5	3.9903	1.7296
6	4.2012	1.8592
7	4.5263	2.1058
8	4.7193	2.2598
9	4.8895	2.4038
10	5.0343	2.5040
11	5.1257	2.5856
12	5.2756	2.6535
13	5.3619	2.7217
14	5.4864	2.6981
15	5.6490	2.6000
16	5.7734	2.5252
17	5.9258	2.4978
18	6.0147	2.5441
19	6.1493	2.6113
20	6.2738	2.6662
21	6.5227	2.6528
22	6.7589	2.2550
23	7.2644	1.8572
24	7.7902	1.4594
25	8.3160	1.1353

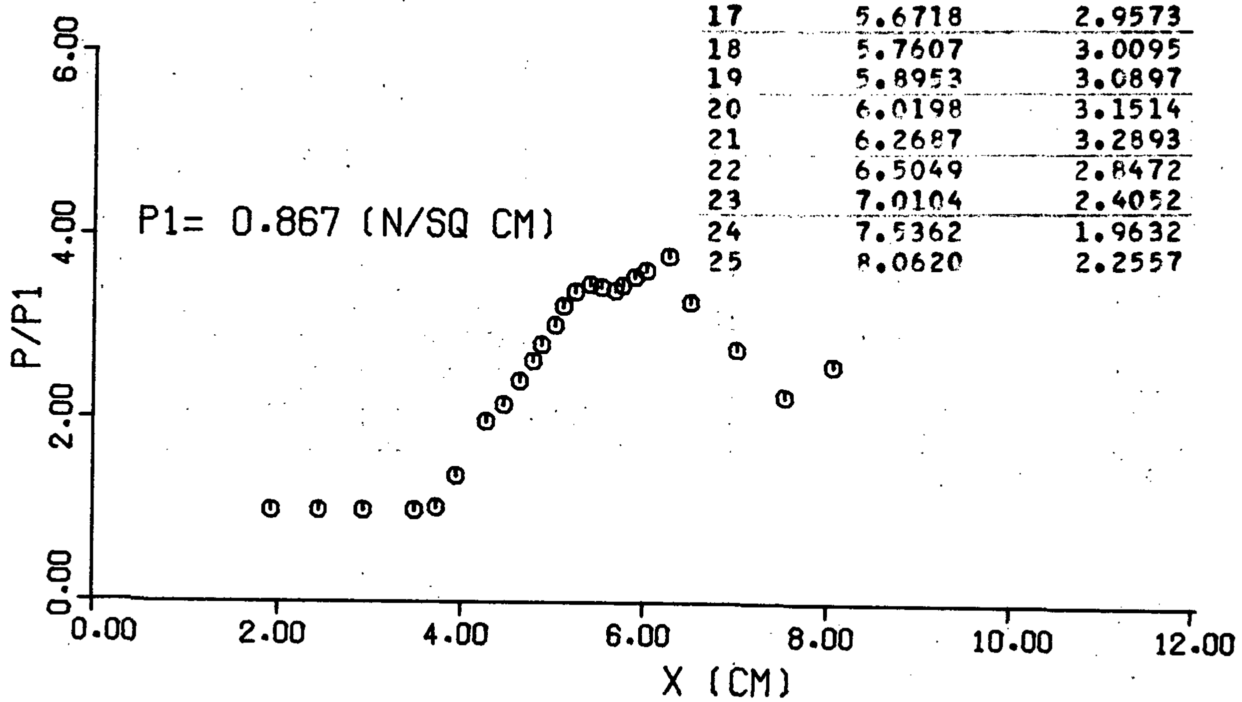


ID NO. 12318 -021

ID NO. 12318-022

PTO= 23.8069 N/SQ CM
TTO= 296.8889 K
PBAR= 759.4000 MMHG
TMAN= 293.3889 K

I	X(CM)	P(N/SQ CM)
1	1.9304	.8675
2	2.4536	.8675
3	2.9413	.8675
4	3.5001	.8675
5	3.7363	.8970
6	3.9472	1.1970
7	4.2723	1.7152
8	4.4653	1.8747
9	4.6355	2.0972
10	4.7803	2.2855
11	4.8717	2.4422
12	5.0216	2.6254
13	5.1079	2.8085
14	5.2324	2.9470
15	5.3950	3.0143
16	5.5194	2.9896
17	5.6718	2.9573
18	5.7607	3.0095
19	5.8953	3.0897
20	6.0198	3.1514
21	6.2687	3.2893
22	6.5049	2.8472
23	7.0104	2.4052
24	7.5362	1.9632
25	8.0620	2.2557

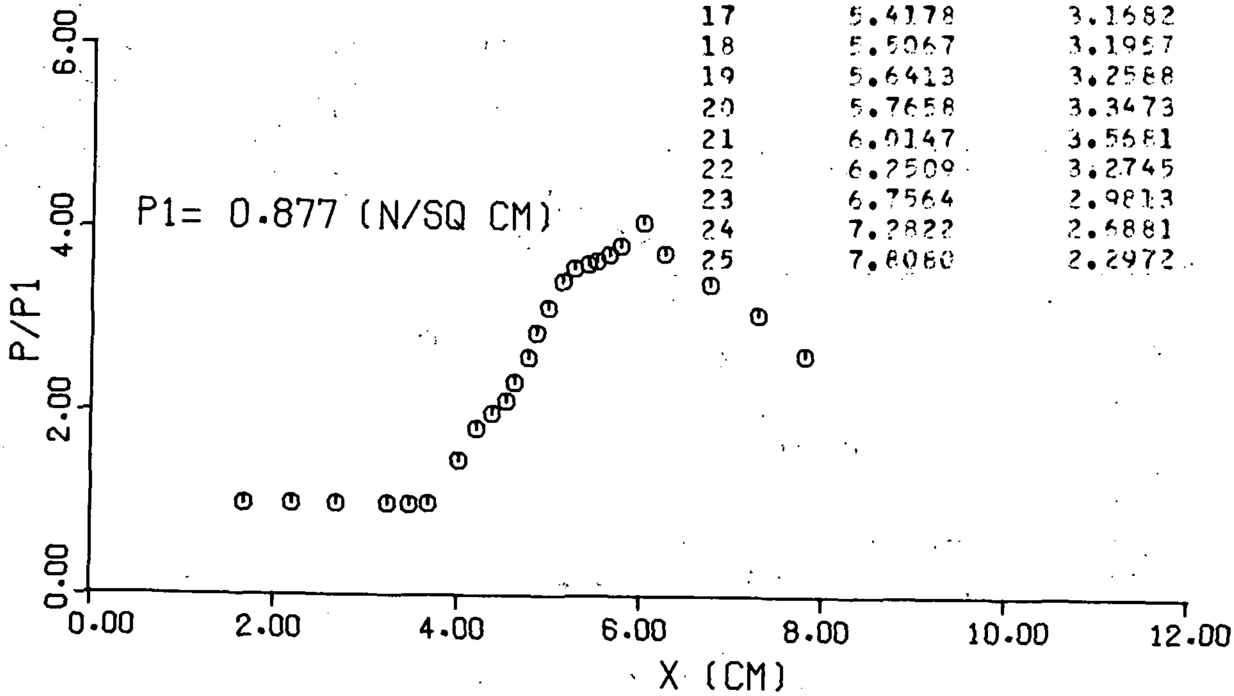


ID NO. 12318 -022

ID NO. 12318-023

PTO= 23.8069 N/SQ CM
TTO= 296.8889 K
PBAR= 759.4000 MMHG
TMAN= 293.3889 K

I	X(CM)	P(N/SQ CM)
1	1.6764	.8774
2	2.1996	.8774
3	2.6873	.8774
4	3.2461	.8774
5	3.4823	.8716
6	3.6932	.8791
7	4.0182	1.2927
8	4.2113	1.5983
9	4.3815	1.7469
10	4.5263	1.8599
11	4.6177	2.0352
12	4.7676	2.2732
13	4.8539	2.5115
14	4.9784	2.7502
15	5.1410	3.0029
16	5.2654	3.1257
17	5.4178	3.1682
18	5.5067	3.1957
19	5.6413	3.2588
20	5.7658	3.3473
21	6.0147	3.5681
22	6.2509	3.2745
23	6.7564	2.9813
24	7.2822	2.6881
25	7.8060	2.2972

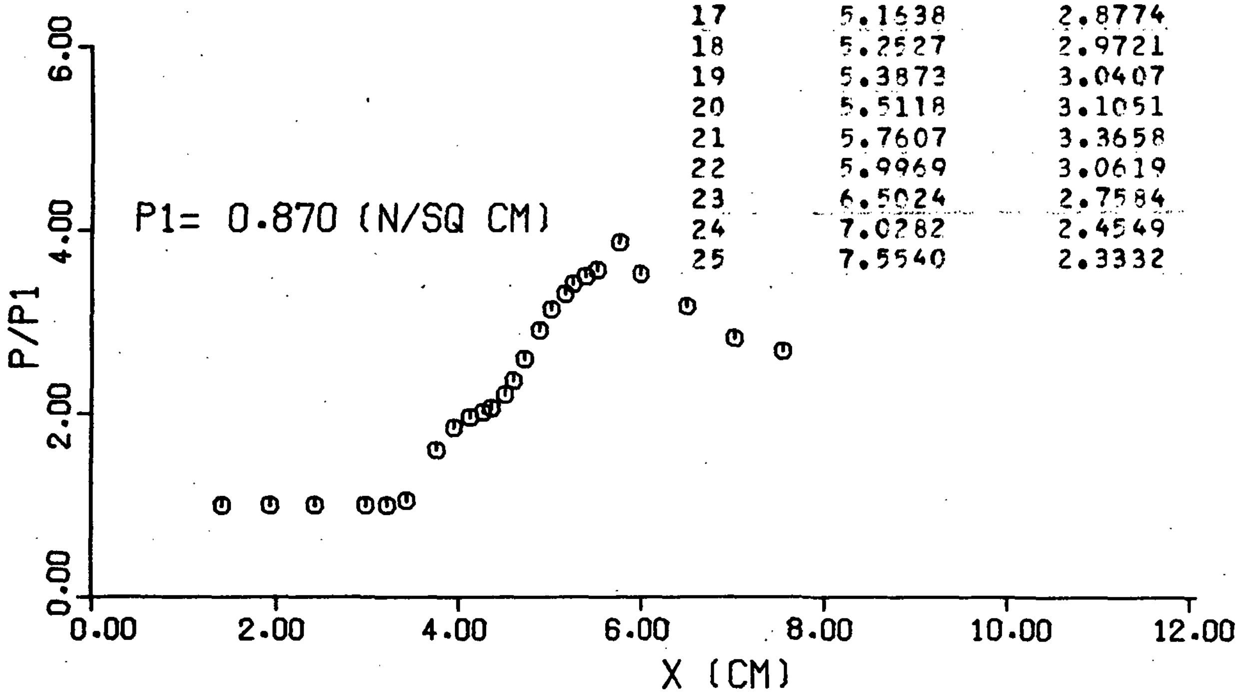


ID NO. 12318 -023

ID NO. 12318-024

PTO= 23.8069 N/SQ CM
TTO= 296.8889 K
PBAR= 759.4000 MMHG
TMAN= 293.3889 K

I	X(CM)	P(N/SQ CM)
1	1.4224	.8699
2	1.9456	.8699
3	2.4333	.8699
4	2.9921	.8699
5	3.2283	.8699
6	3.4392	.9141
7	3.7643	1.3935
8	3.9573	1.6113
9	4.1275	1.7080
10	4.2723	1.7522
11	4.3637	1.7917
12	4.5136	1.9223
13	4.5999	2.0530
14	4.7244	2.2577
15	4.8870	2.5283
16	5.0114	2.7276
17	5.1638	2.8774
18	5.2527	2.9721
19	5.3873	3.0407
20	5.5118	3.1051
21	5.7607	3.3658
22	5.9969	3.0619
23	6.5024	2.7584
24	7.0282	2.4549
25	7.5540	2.3332

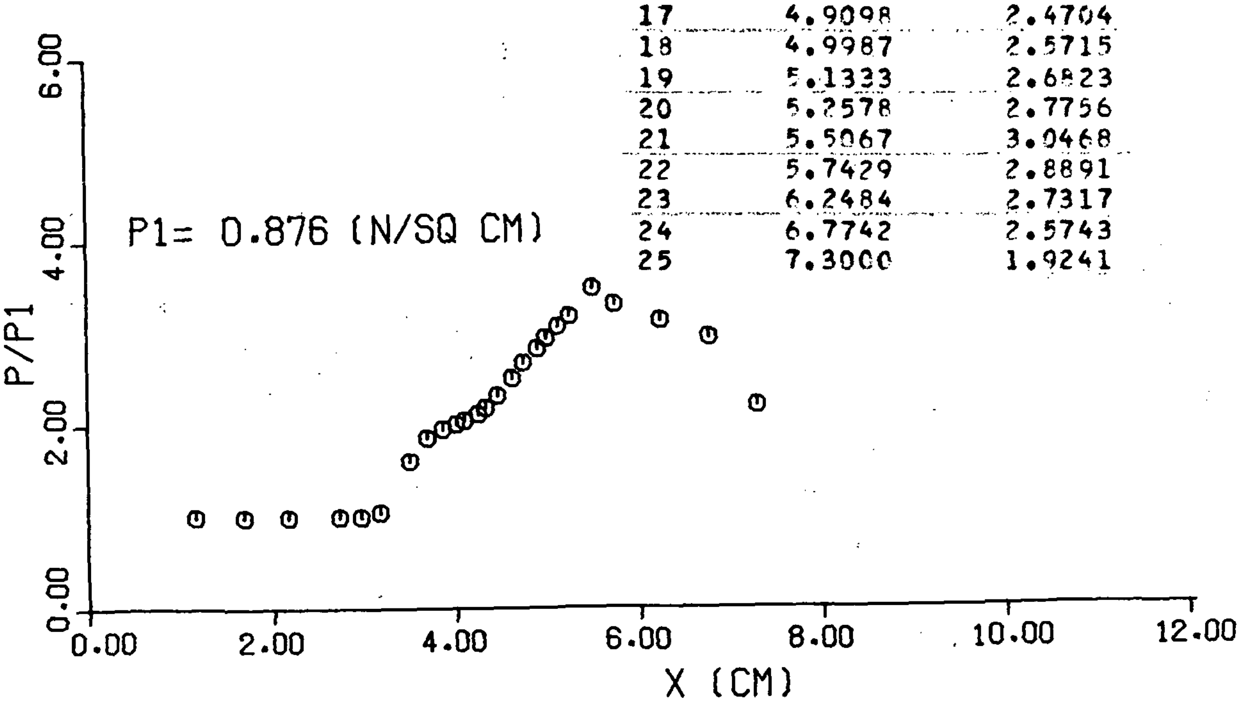


ID NO. 12318 -024

ID NO. 12318-025

PTO= 23.8069 N/SQ CM
TTO= 296.8889 K
PBAR= 759.4000 MMHG
TMAN= 293.3889 K

I	X(CM)	P(N/SQ CM)
1	1.1684	.8760
2	1.6916	.8760
3	2.1793	.8767
4	2.7381	.8757
5	2.9743	.8757
6	3.1852	.9168
7	3.5103	1.4096
8	3.7033	1.6305
9	3.8735	1.7118
10	4.0183	1.7608
11	4.1097	1.7924
12	4.2596	1.8534
13	4.3459	1.9148
14	4.4704	2.0269
15	4.6330	2.1915
16	4.7574	2.3387
17	4.9098	2.4704
18	4.9987	2.5715
19	5.1333	2.6823
20	5.2578	2.7756
21	5.5067	3.0468
22	5.7429	2.8891
23	6.2484	2.7317
24	6.7742	2.5743
25	7.3000	1.9241

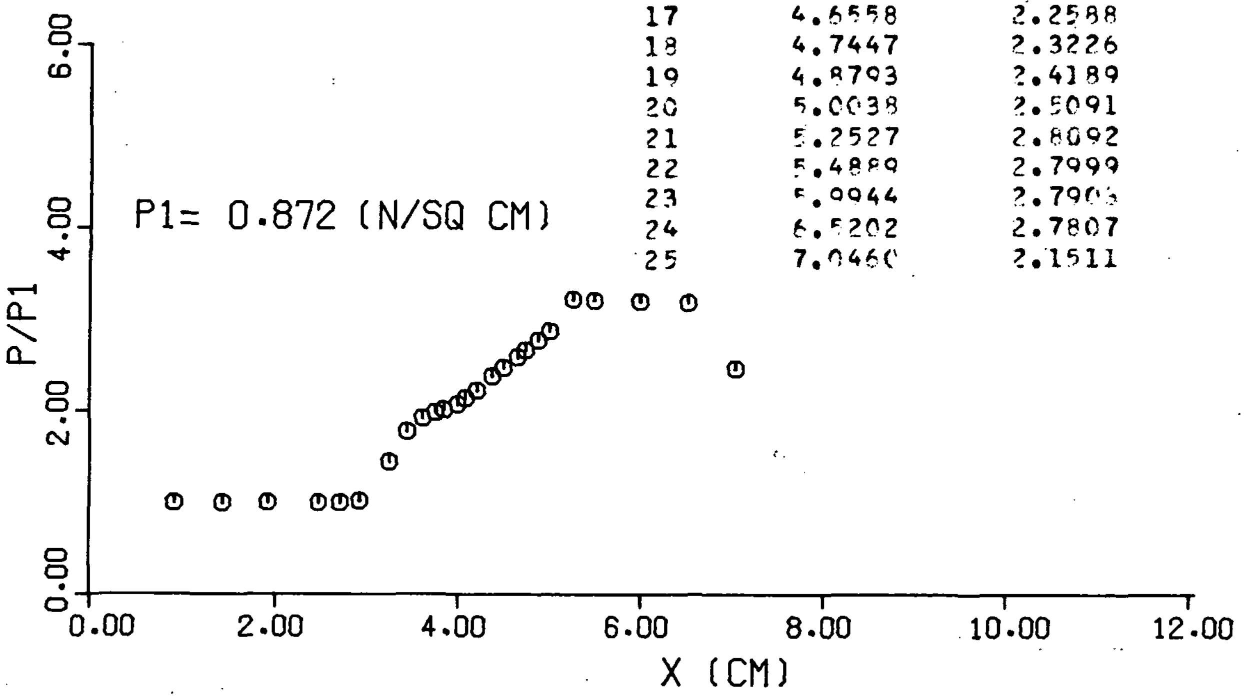


ID NO. 12318 -025

ID NO. 12318-026

PTO= 23.8069 N/SQ CM
TTO= 296.8889 K
PBAR= 759.4000 MMHG
TMAN= 293.3889 K

I	X(CM)	P(N/SQ CM)
1	.9144	.8723
2	1.4376	.8723
3	1.9253	.8743
4	2.4841	.8723
5	2.7203	.8716
6	2.9312	.8908
7	3.2563	1.2632
8	3.4493	1.5513
9	3.6195	1.6771
10	3.7643	1.7324
11	3.8557	1.7574
12	4.0356	1.8112
13	4.0919	1.8651
14	4.2164	1.9391
15	4.3790	2.0756
16	4.5034	2.1552
17	4.6558	2.2588
18	4.7447	2.3226
19	4.8793	2.4189
20	5.0038	2.5091
21	5.2527	2.8092
22	5.4889	2.7999
23	5.9944	2.7906
24	6.5202	2.7807
25	7.0460	2.1511

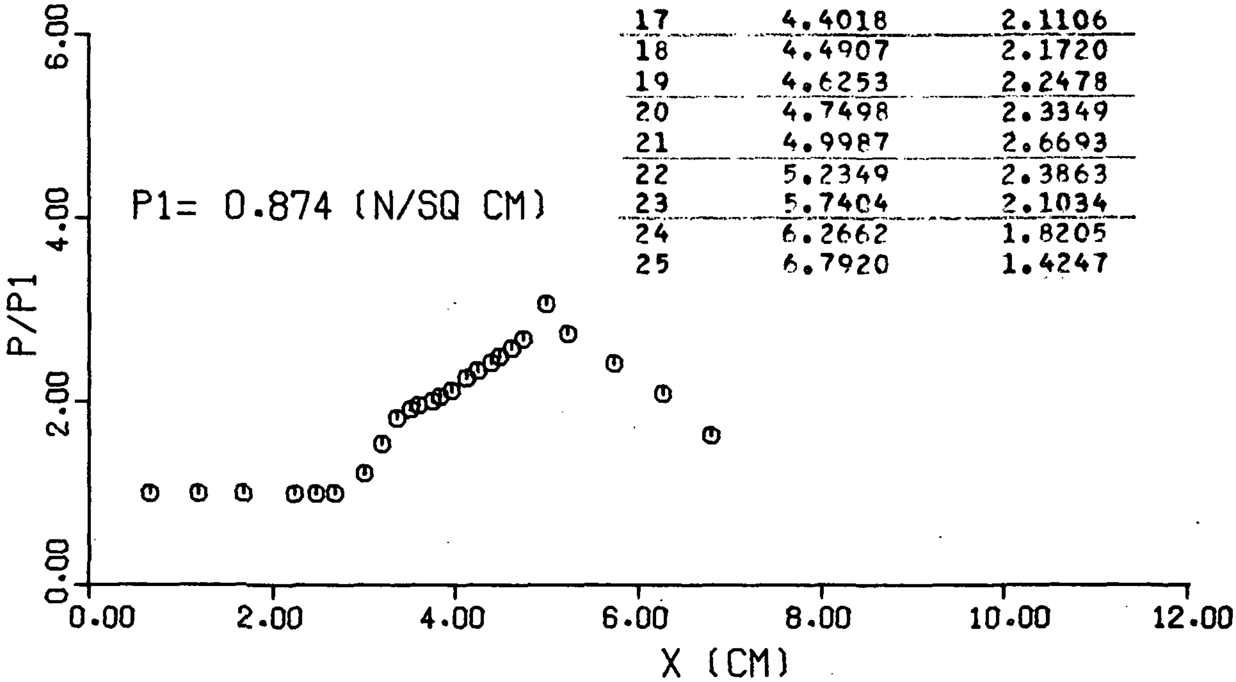


ID NO. 12318 -026

ID NO. 12318-027

PTO= 23.8069 N/SQ CM
TTO= 296.8889 K
PBAR= 759.4000 MMHG
TMAN= 293.3889 K

I	X(CM)	P(N/SQ CM)
1	.6604	.8740
2	1.1836	.8740
3	1.6713	.8740
4	2.2301	.8733
5	2.4663	.8729
6	2.6772	.8764
7	3.0023	1.0650
8	3.1953	1.3465
9	3.3655	1.5890
10	3.5103	1.6747
11	3.6017	1.7121
12	3.7516	1.7522
13	3.8379	1.7924
14	3.9624	1.8493
15	4.1250	1.9680
16	4.2494	2.0376
17	4.4018	2.1106
18	4.4907	2.1720
19	4.6253	2.2478
20	4.7498	2.3349
21	4.9987	2.6693
22	5.2349	2.3863
23	5.7404	2.1034
24	6.2662	1.8205
25	6.7920	1.4247

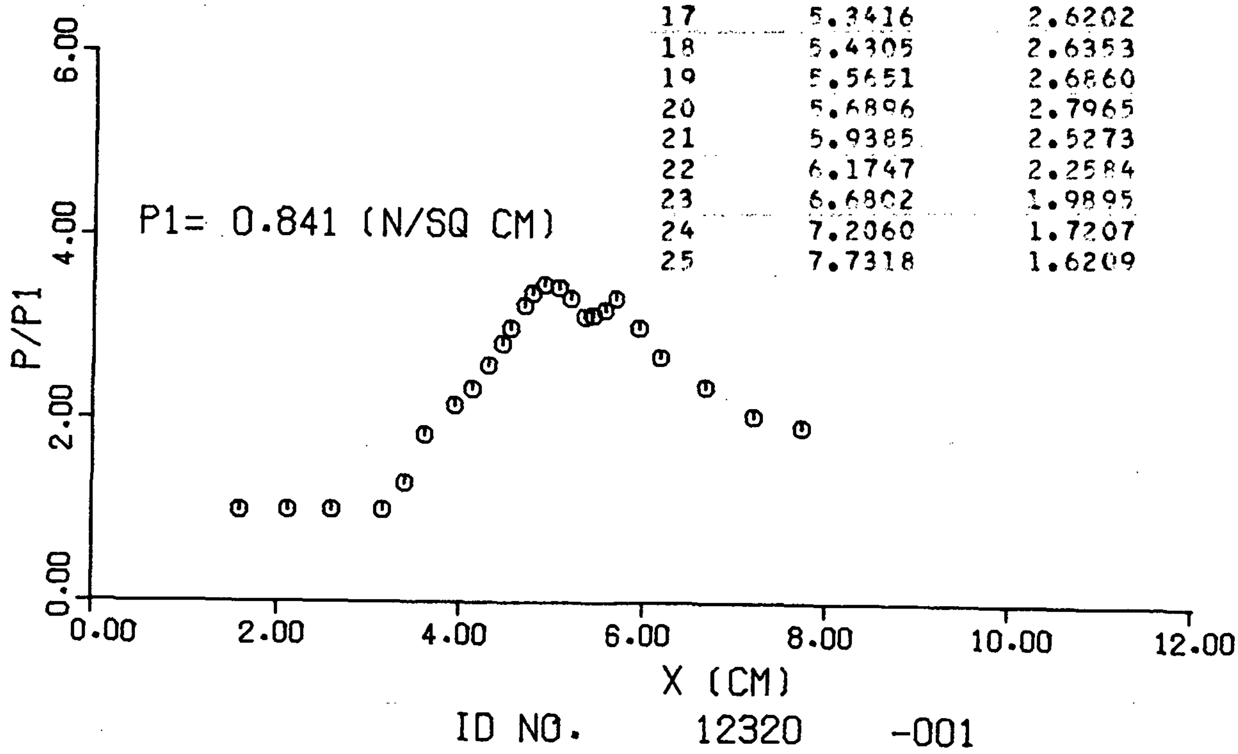


ID NO. 12318 -027

ID NO. 12320-001

PTO= 23.6918 N/SQ CM
TTO= 296.4444 K
PBAR= 757.5000 MMHG
TMAN= 298.7222 K

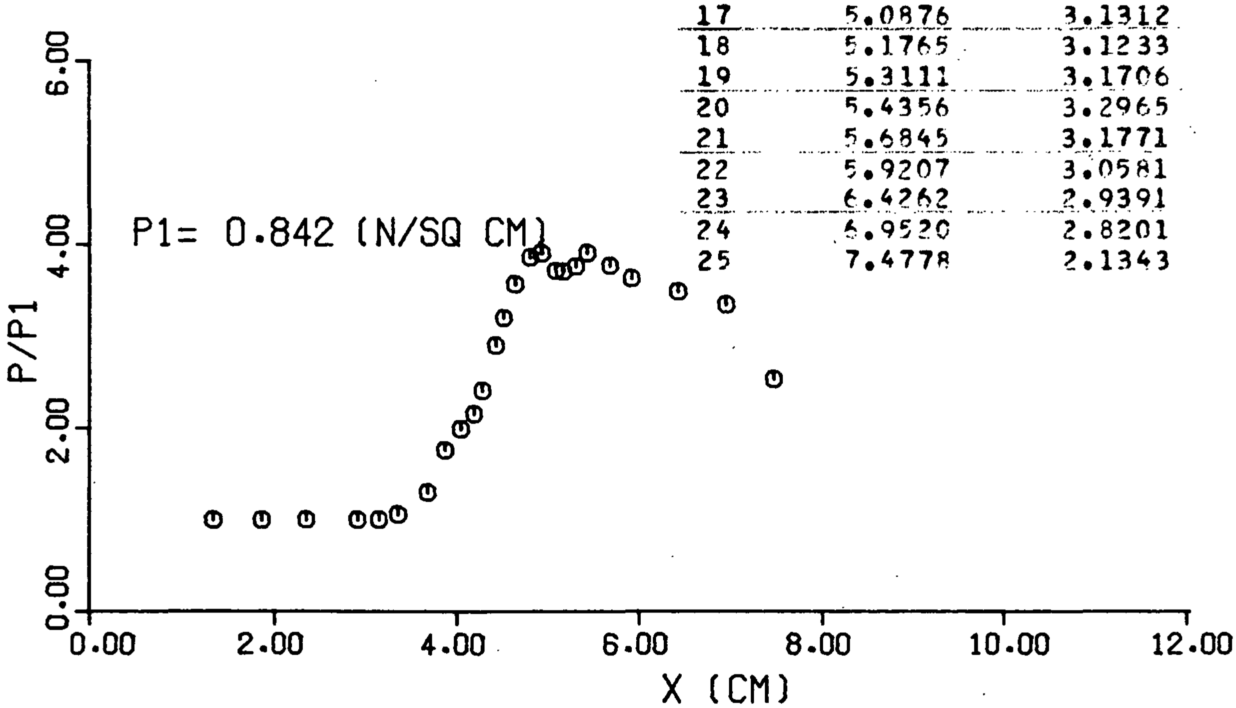
I	X(CM)	P(N/SQ CM)
1	1.6002	.8414
2	2.1234	.8414
3	2.6111	.8455
4	3.1699	.8455
5	3.4061	1.0924
6	3.6170	1.5375
7	3.9421	1.8057
8	4.1351	1.9576
9	4.3053	2.1727
10	4.4501	2.3733
11	4.5415	2.5183
12	4.6914	2.7272
13	4.7777	2.8414
14	4.9022	2.9182
15	5.0648	2.8904
16	5.1892	2.7920
17	5.3416	2.6202
18	5.4305	2.6353
19	5.5651	2.6860
20	5.6896	2.7965
21	5.9385	2.5273
22	6.1747	2.2584
23	6.6802	1.9895
24	7.2060	1.7207
25	7.7318	1.6209



ID NO. 12320-002

PTO= 23.6918 N/SQ CM
TTO= 296.4444 K
PBAR= 757.5000 MMHG
TMAN= 298.7222 K

I	X(CM)	P(N/SQ CM)
1	1.3462	.8424
2	1.8694	.8424
3	2.3571	.8469
4	2.9159	.8469
5	3.1521	.8469
6	3.3630	.8932
7	3.6881	1.0979
8	3.8911	1.4868
9	4.0513	1.6781
10	4.1961	1.8160
11	4.2875	2.0286
12	4.4374	2.4432
13	4.5237	2.6943
14	4.6482	3.0074
15	4.8108	3.2543
16	4.9352	3.2906
17	5.0876	3.1312
18	5.1765	3.1233
19	5.3111	3.1706
20	5.4356	3.2965
21	5.6845	3.1771
22	5.9207	3.0581
23	6.4262	2.9391
24	6.9520	2.8201
25	7.4778	2.1343

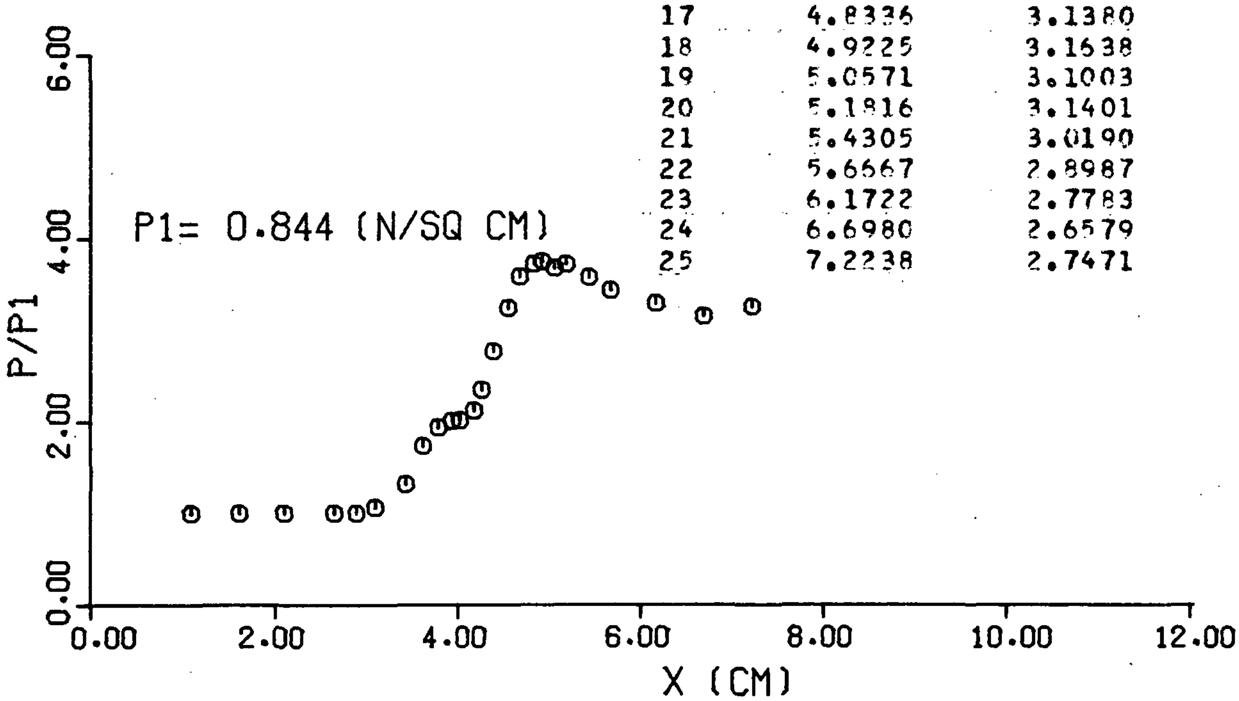


ID NO. 12320 -002

ID NO. 12320-003

PTO= 23.6918 N/SQ CM
TTO= 296.4444 K
PBAR= 757.5000 MMHG
TMAN= 298.7222 K

I	X(CM)	P(N/SQ CM)
1	1.0922	.8438
2	1.6154	.8438
3	2.1031	.8455
4	2.6619	.8455
5	2.8981	.8455
6	3.1090	.8993
7	3.4341	1.1147
8	3.6271	1.4652
9	3.7973	1.6329
10	3.9421	1.6960
11	4.0335	1.7015
12	4.1834	1.7886
13	4.2697	1.9768
14	4.3942	2.3314
15	4.5568	2.7299
16	4.6812	3.0201
17	4.8336	3.1380
18	4.9225	3.1638
19	5.0571	3.1003
20	5.1816	3.1401
21	5.4305	3.0190
22	5.6667	2.8987
23	6.1722	2.7783
24	6.6980	2.6579
25	7.2238	2.7471

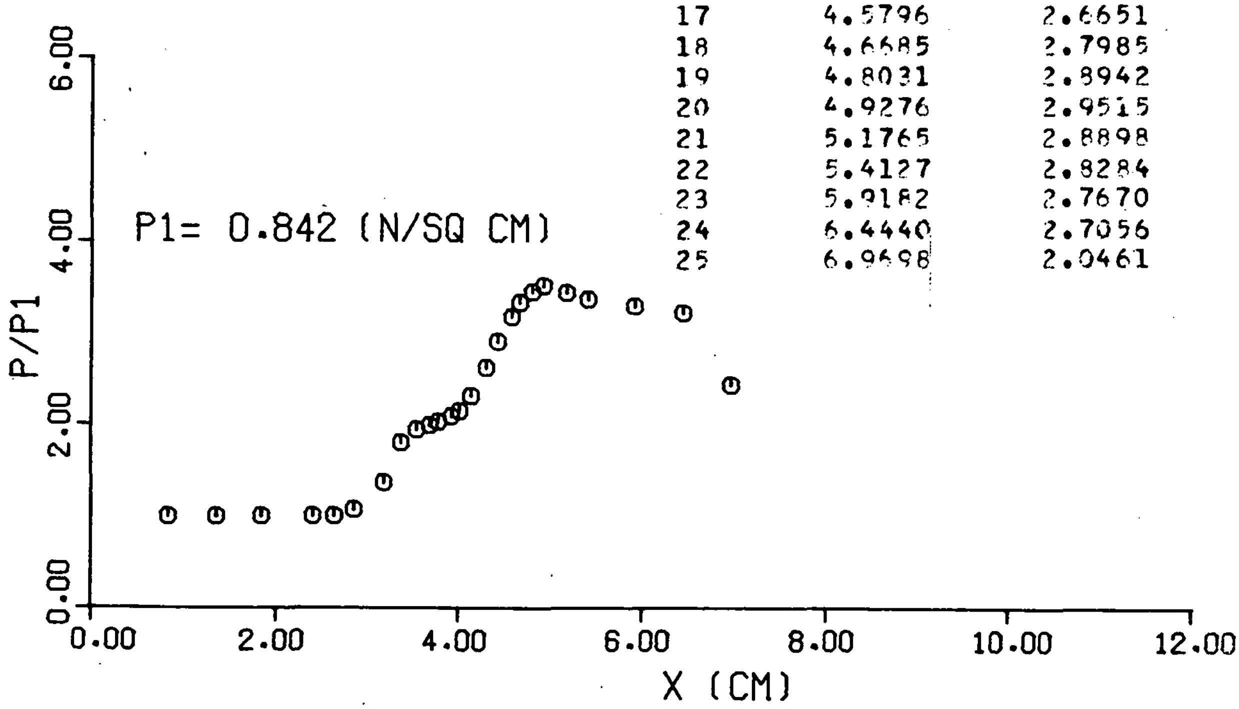


ID NO. 12320 -003

ID NO. 12320-004

PTO= 23.6918 N/SQ CM
TTO= 296.4444 K
PBAR= 757.5000 MMHG
TMAN= 298.7222 K

I	X(CM)	P(N/SQ CM)
1	.8382	.8417
2	1.3614	.8417
3	1.8491	.8438
4	2.4079	.8438
5	2.6441	.8438
6	2.8550	.9038
7	3.1801	1.1511
8	3.3731	1.5197
9	3.5433	1.6370
10	3.6881	1.6781
11	3.7795	1.7066
12	3.9294	1.7591
13	4.0157	1.8061
14	4.1402	1.9439
15	4.3028	2.1980
16	4.4272	2.4415
17	4.5796	2.6651
18	4.6685	2.7985
19	4.8031	2.8942
20	4.9276	2.9515
21	5.1765	2.8898
22	5.4127	2.8284
23	5.9182	2.7670
24	6.4440	2.7056
25	6.9698	2.0461

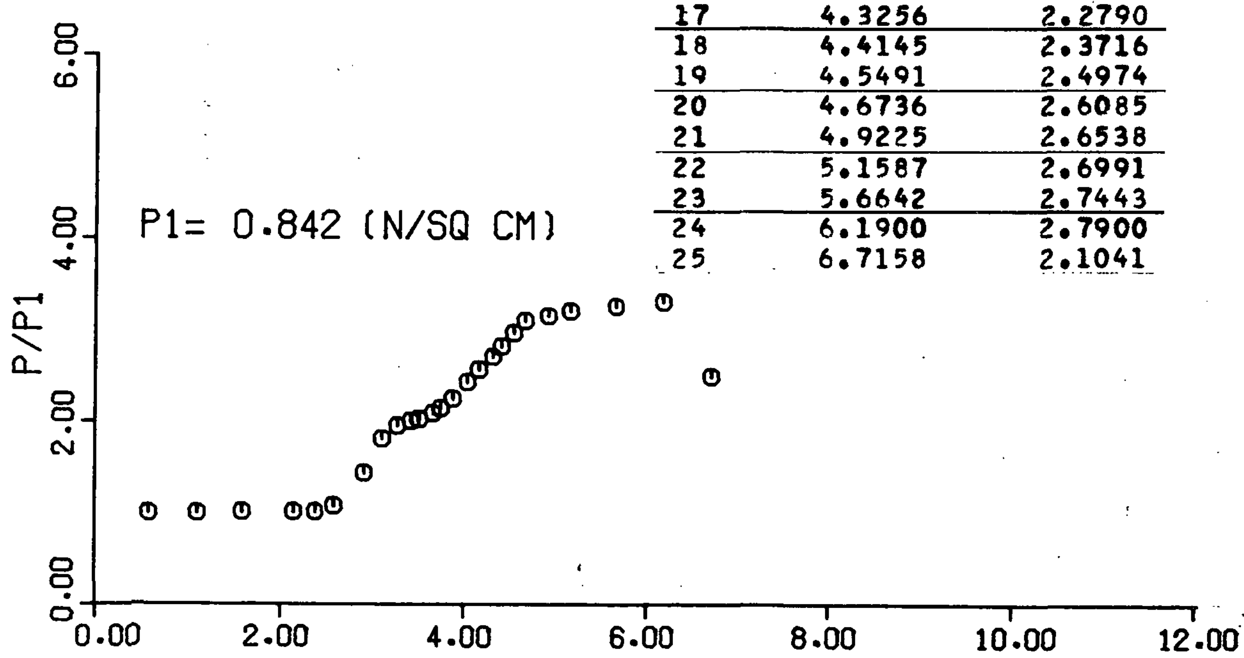


ID NO. 12320 -004

ID NO. 12320-005

PTO= 23.6918 N/SQ CM
TTO= 296.4444 K
PBAR= 757.5000 MMHG
TMAN= 298.7222 K

I	X(CM)	P(N/SQ CM)
1	.5842	.8424
2	1.1074	.8424
3	1.5951	.8527
4	2.1539	.8527
5	2.3901	.8527
6	2.6010	.9062
7	2.9261	1.2104
8	3.1191	1.5262
9	3.2893	1.6445
10	3.4341	1.6867
11	3.5255	1.7042
12	3.6754	1.7594
13	3.7617	1.8064
14	3.8862	1.8932
15	4.0488	2.0441
16	4.1732	2.1607
17	4.3256	2.2790
18	4.4145	2.3716
19	4.5491	2.4974
20	4.6736	2.6085
21	4.9225	2.6538
22	5.1587	2.6991
23	5.6642	2.7443
24	6.1900	2.7900
25	6.7158	2.1041

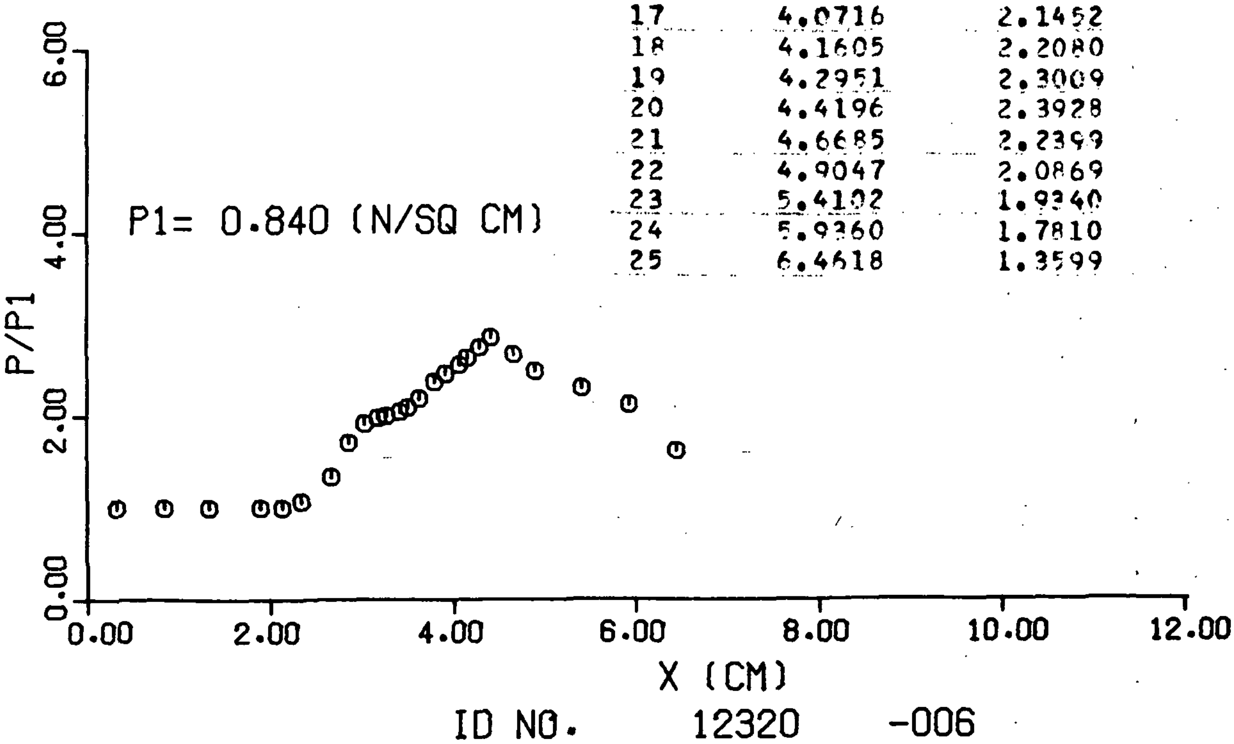


ID NO. 12320 -005

ID NO. 12320-006

PTO= 23.6918 N/SQ CM
TTO= 296.4444 K
PBAR= 757.5000 MMHG
TMAN= 298.7222 K

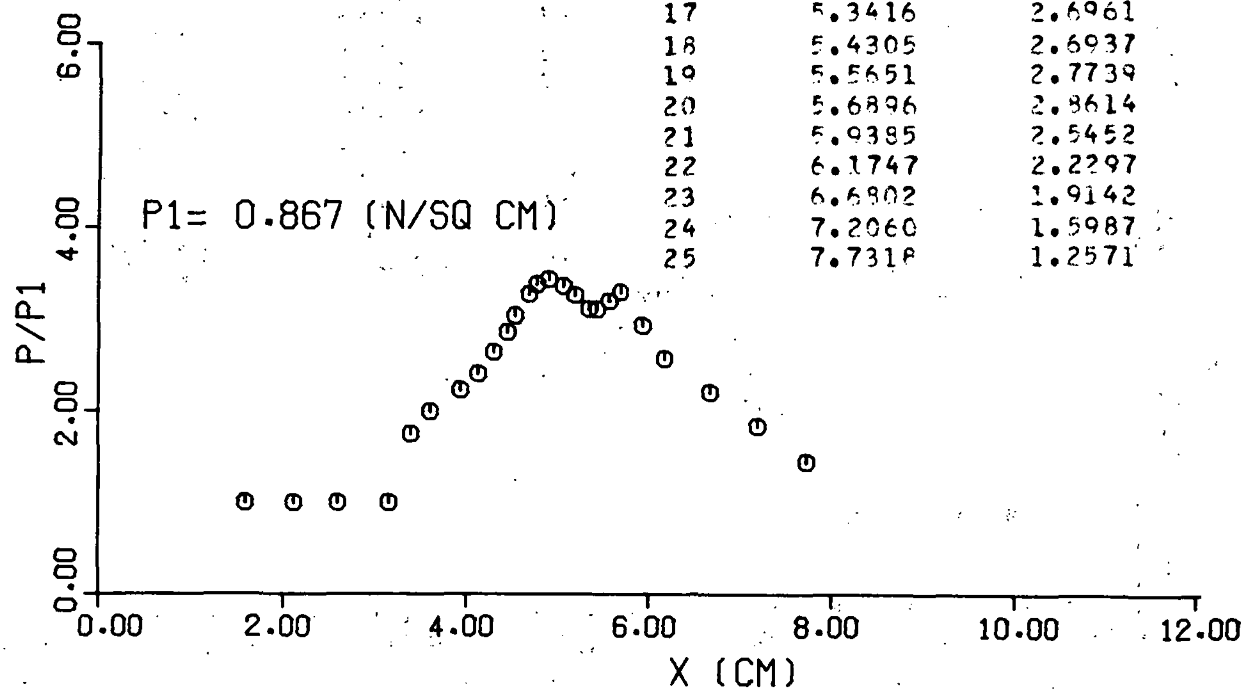
I	X(CM)	P(N/SQ CM)
1	.3302	.8404
2	.8534	.8404
3	1.3411	.8424
4	1.8999	.8424
5	2.1361	.8424
6	2.3470	.8990
7	2.6721	1.1267
8	2.8651	1.4388
9	3.0353	1.6089
10	3.1801	1.6648
11	3.2715	1.6809
12	3.4214	1.7172
13	3.5077	1.7563
14	3.6322	1.8400
15	3.7948	1.9902
16	3.9192	2.0633
17	4.0716	2.1452
18	4.1605	2.2080
19	4.2951	2.3009
20	4.4196	2.3928
21	4.6685	2.2399
22	4.9047	2.0869
23	5.4102	1.9340
24	5.9360	1.7810
25	6.4618	1.3599



ID NO. 12320-007

PTO= 23.7961 N/SQ CM
TTO= 299.3889 K
PBAR= 760.7000 MMHG
TMAN= 295.3333 K

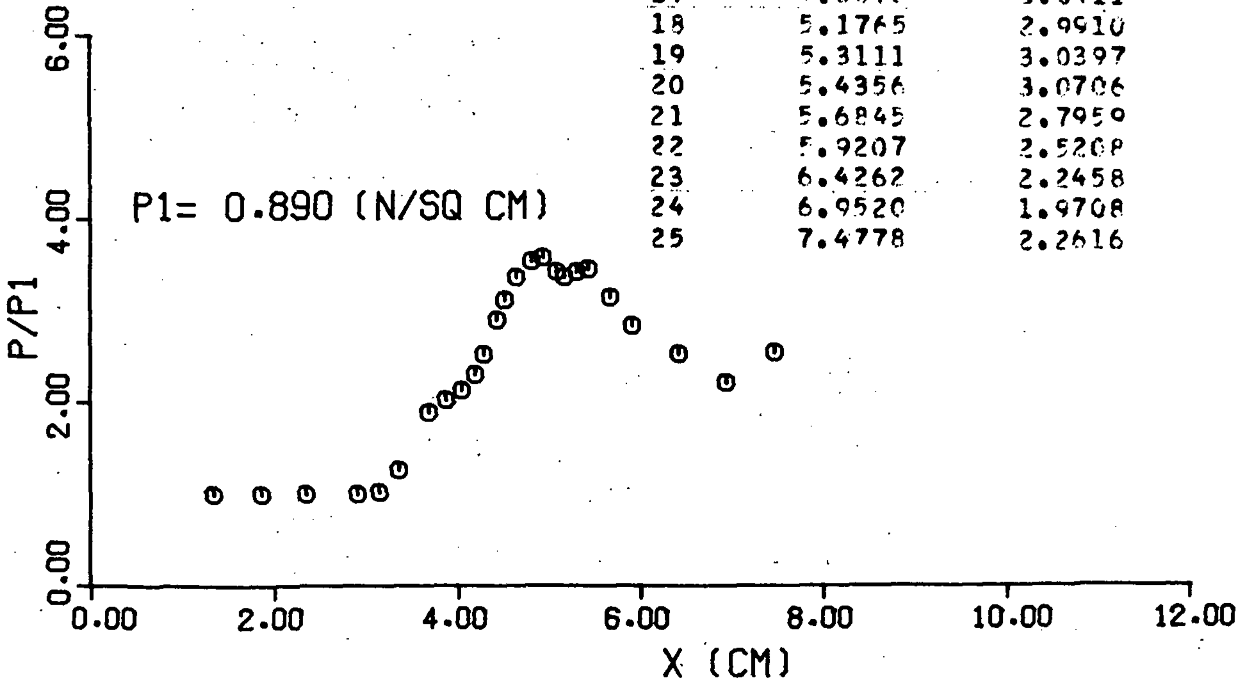
I	X(CM)	P(N/SQ CM)
1	1.6002	.8668
2	2.1234	.8668
3	2.6111	.8668
4	3.1699	.8668
5	3.4061	1.5174
6	3.6170	1.7297
7	3.9421	1.9306
8	4.1351	2.0853
9	4.3053	2.2900
10	4.4501	2.4790
11	4.5415	2.6347
12	4.6914	2.8391
13	4.7777	2.9317
14	4.9022	2.9804
15	5.0648	2.9159
16	5.1892	2.8329
17	5.3416	2.6961
18	5.4305	2.6937
19	5.5651	2.7739
20	5.6896	2.8614
21	5.9385	2.5452
22	6.1747	2.2297
23	6.6802	1.9142
24	7.2060	1.5987
25	7.7318	1.2571



ID NO. 12320-008

PTO= 23.7961 N/SQ CM
TTO= 299.3889 K
PBAR= 760.7000 MMHG
TAMB= 295.3333 K

I	X(CM)	P(N/SQ CM)
1	1.3462	.8902
2	1.8694	.8902
3	2.3571	.8902
4	2.9159	.8902
5	3.1521	.9077
6	3.3630	1.1240
7	3.6881	1.6796
8	3.8811	1.8003
9	4.0513	1.8960
10	4.1961	2.0462
11	4.2875	2.2407
12	4.4374	2.5747
13	4.5237	2.7636
14	4.6482	2.9886
15	4.8108	3.1392
16	4.9352	3.1800
17	5.0876	3.0411
18	5.1765	2.9910
19	5.3111	3.0397
20	5.4356	3.0706
21	5.6845	2.7959
22	5.9207	2.5208
23	6.4262	2.2458
24	6.9520	1.9708
25	7.4778	2.2616

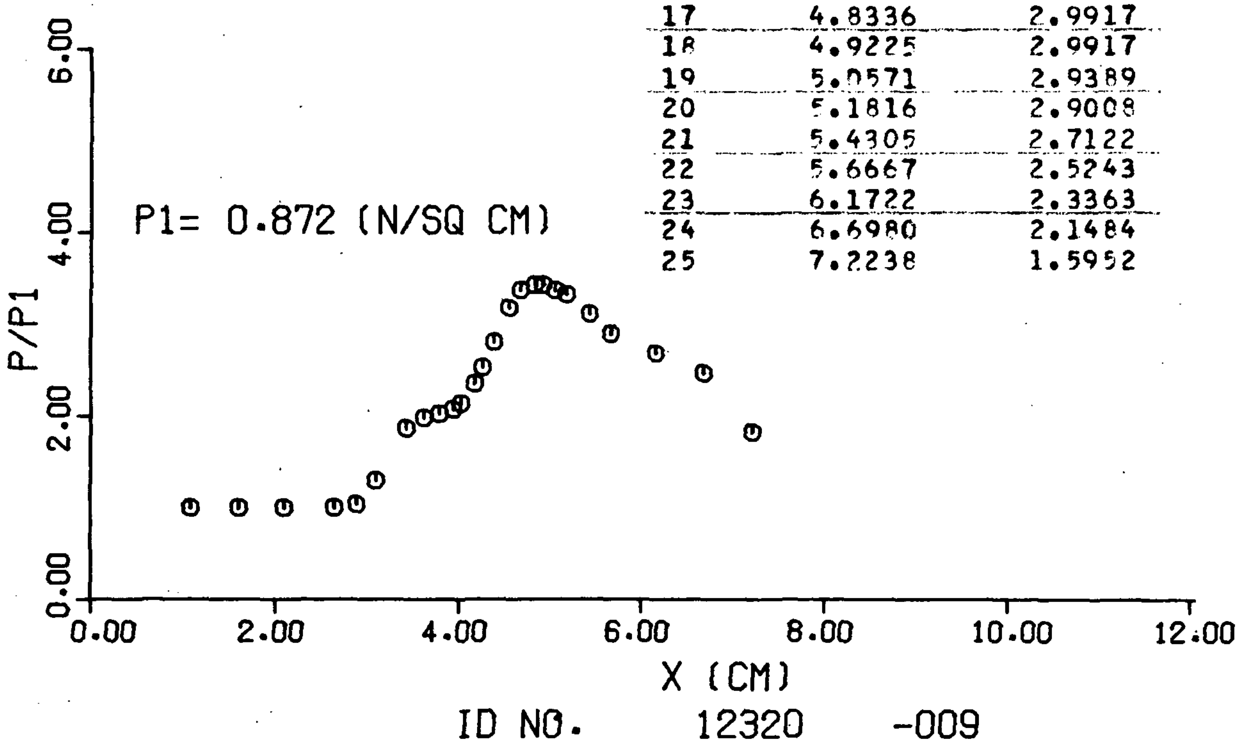


ID NO. 12320 -008

ID NO. 12320-009

PTO= 23.7961 N/SQ CM
TTO= 299.3889 K
PBAR= 760.7000 MMHG
TMAN= 295.3333 K

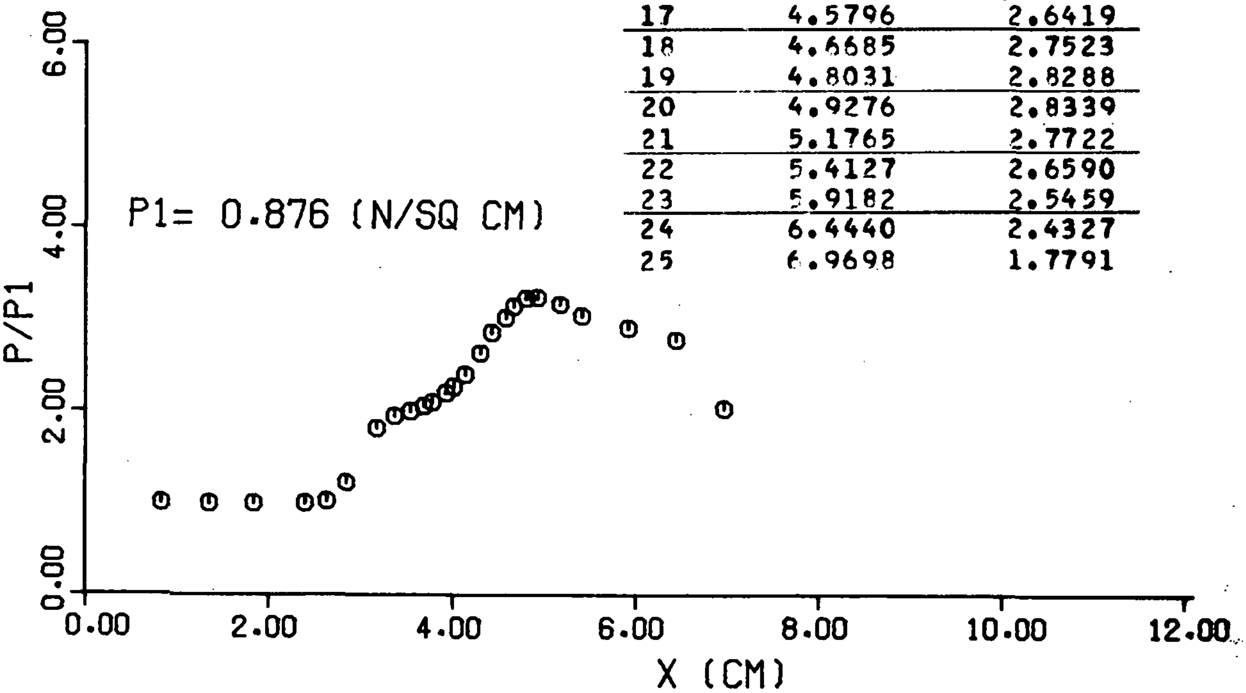
I	X(CM)	P(N/SQ CM)
1	1.0922	.8723
2	1.6154	.8723
3	2.1031	.8723
4	2.6619	.8723
5	2.8981	.9049
6	3.1090	1.1330
7	3.4341	1.6299
8	3.6271	1.7280
9	3.7973	1.7671
10	3.9421	1.8082
11	4.0335	1.8617
12	4.1834	2.0527
13	4.2697	2.2064
14	4.3942	2.4450
15	4.5568	2.7688
16	4.6812	2.9406
17	4.8336	2.9917
18	4.9225	2.9917
19	5.0571	2.9389
20	5.1816	2.9008
21	5.4305	2.7122
22	5.6667	2.5243
23	6.1722	2.3363
24	6.6980	2.1484
25	7.2238	1.5952



ID NO. 12320-010

PTO= 23.7961 N/SQ CM
TTO= 299.3889 K
PBAR= 760.7000 MMHG
TMAN= 295.3333 K

I	X(CM)	P(N/SQ CM)
1	.8382	.8761
2	1.3614	.8761
3	1.8491	.8761
4	2.4079	.8761
5	2.6441	.8974
6	2.8550	1.0712
7	3.1801	1.5904
8	3.3731	1.7057
9	3.5433	1.7520
10	3.6881	1.8000
11	3.7795	1.8367
12	3.9294	1.9255
13	4.0157	1.9862
14	4.1402	2.1035
15	4.3028	2.3065
16	4.4272	2.5016
17	4.5796	2.6419
18	4.6685	2.7523
19	4.8031	2.8288
20	4.9276	2.8339
21	5.1765	2.7722
22	5.4127	2.6590
23	5.9182	2.5459
24	6.4440	2.4327
25	6.9698	1.7791

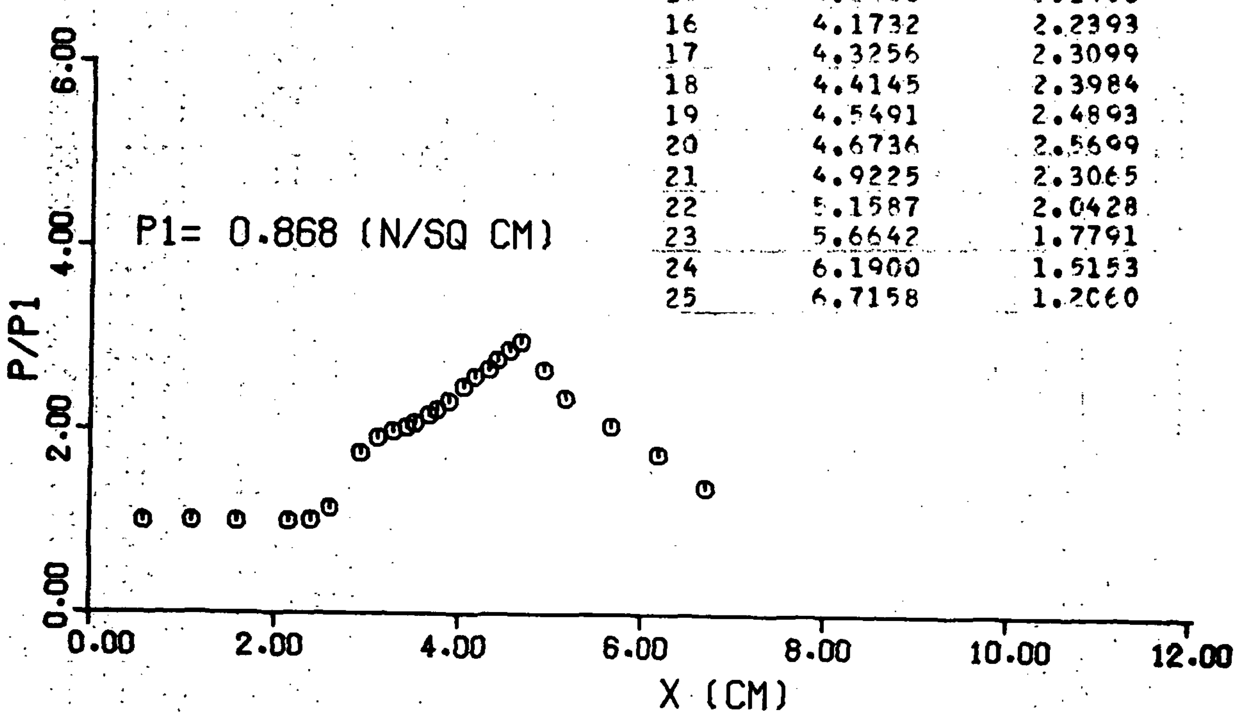


ID NO. 12320 -010

ID NO. 12320-011

PTO= 23.7961 N/SQ CM
TTO= 299.3889 K
PBAR= 760.7000 MMHG
TMAN= 295.3333 K

I	X(CM)	P(N/SQ CM)
1	.5842	.8679
2	1.1074	.8679
3	1.5951	.8679
4	2.1539	.8679
5	2.3901	.8768
6	2.6010	.9961
7	2.9261	1.5177
8	3.1191	1.6645
9	3.2893	1.7266
10	3.4341	1.7623
11	3.5255	1.8000
12	3.6754	1.8789
13	3.7617	1.9276
14	3.8862	2.0081
15	4.0488	2.1463
16	4.1732	2.2393
17	4.3256	2.3099
18	4.4145	2.3984
19	4.5491	2.4893
20	4.6736	2.5699
21	4.9225	2.3065
22	5.1587	2.0428
23	5.6642	1.7791
24	6.1900	1.5153
25	6.7158	1.2060

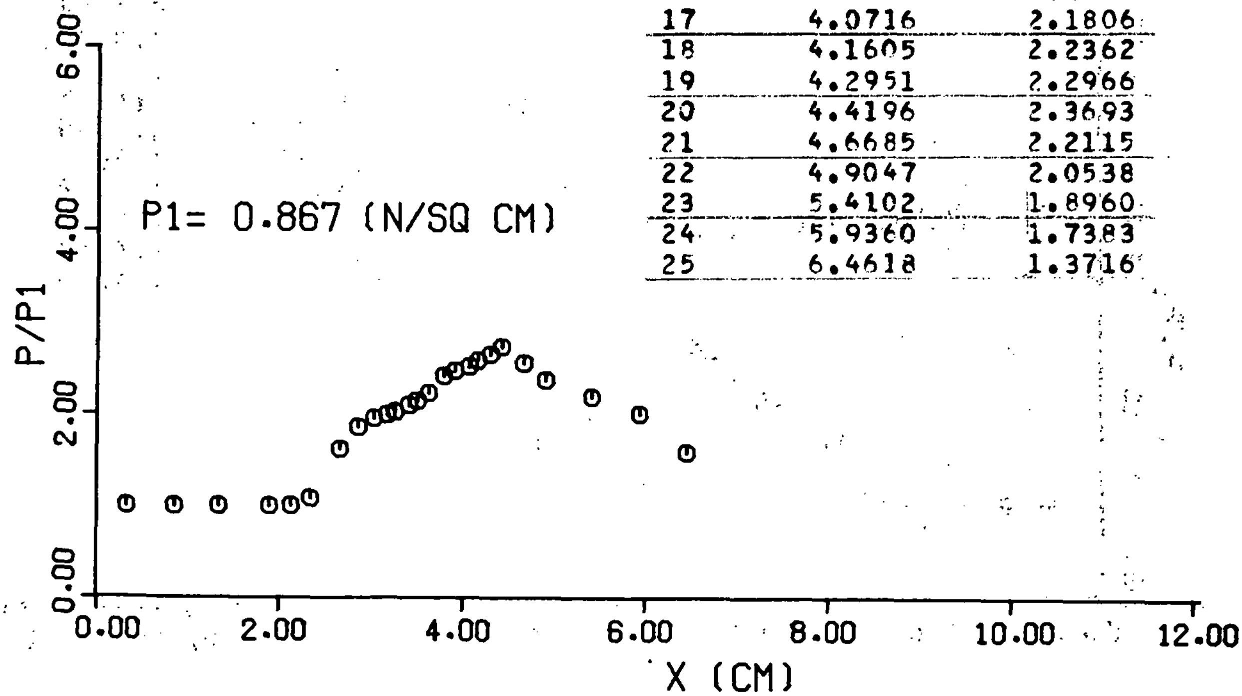


ID NO. 12320 -011

ID NO. 12320-012

PTO= 23.7961 N/SQ CM
TTO= 299.3889 K
PBAR= 760.7000 MMHG
TMAN= 295.3333 K

I	X(CM)	P(N/SQ CM)
1	.3302	.8668
2	.8534	.8668
3	1.3411	.8668
4	1.8999	.8668
5	2.1361	.8706
6	2.3470	.9385
7	2.6721	1.4039
8	2.8651	1.6107
9	3.0353	1.6957
10	3.1801	1.7297
11	3.2715	1.7575
12	3.4214	1.8206
13	3.5077	1.8610
14	3.6322	1.9320
15	3.7948	2.0918
16	3.9192	2.1398
17	4.0716	2.1806
18	4.1605	2.2362
19	4.2951	2.2966
20	4.4196	2.3693
21	4.6685	2.2115
22	4.9047	2.0538
23	5.4102	1.8960
24	5.9360	1.7383
25	6.4618	1.3716

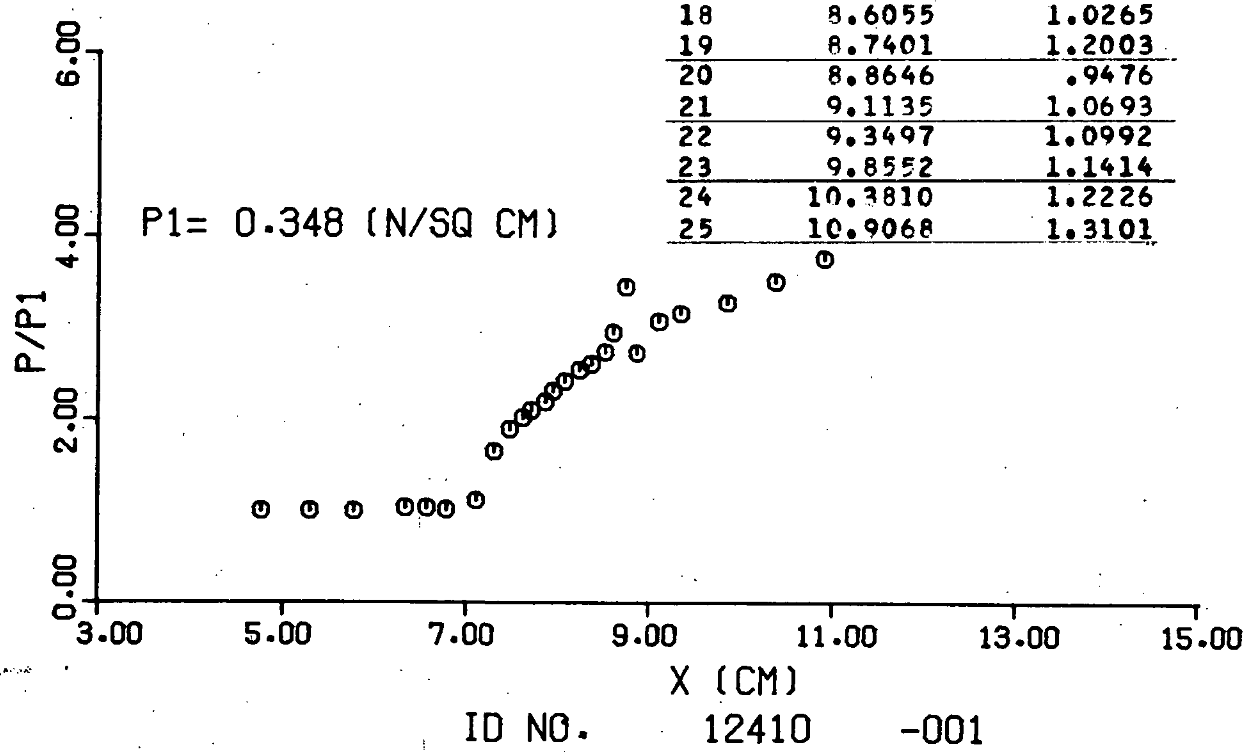


ID NO. 12320 -012

ID NO. 12410-001

PTO= 25.1157 N/SQ CM
TTO= 310.1111 K
PBAR= 763.5000 MMHG
TMAN= 300.8889 K

I	X(CM)	P(N/SQ CM)
1	4.7752	.3484
2	5.2984	.3484
3	5.7861	.3464
4	6.3449	.3594
5	6.5811	.3594
6	6.7920	.3522
7	7.1171	.3875
8	7.3101	.5751
9	7.4803	.6609
10	7.6251	.7037
11	7.7165	.7322
12	7.8664	.7644
13	7.9527	.8035
14	8.0772	.8402
15	8.2398	.8841
16	8.3642	.9061
17	8.5166	.9517
18	8.6055	1.0265
19	8.7401	1.2003
20	8.8646	.9476
21	9.1135	1.0693
22	9.3497	1.0992
23	9.8552	1.1414
24	10.3810	1.2226
25	10.9068	1.3101



STATION X= 6.32 CM PTO= 25.115 N/SQ CM TTO=310.72K
R= 2.581 CM PWALL= .3609 N/SQ CM CF= .00160 PI = .651
UE= 678.7 M/SEC RHOE=.00481 KG/CUB M RE= 18.843E6 /M
DELTA= .403 CM DELTA*= .1436 CM THETA= .0179 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.014368	.000000	1.000000	.261519	.000000
2	.012700	.037796	.574854	1.000000	.345942	1.270462
3	.025400	.060007	.700758	1.000000	.410316	1.686668
4	.038100	.070103	.740013	1.000000	.439090	1.842549
5	.050800	.077345	.764021	1.000000	.459670	1.946395
6	.063500	.084238	.784329	1.000000	.479230	2.040201
7	.076200	.089878	.799541	1.000000	.495382	2.114528
8	.088900	.096005	.814543	1.000000	.512751	2.191643
9	.101600	.101436	.826801	1.000000	.528136	2.257754
10	.114300	.108399	.841267	1.000000	.547851	2.339739
11	.127000	.116476	.856515	1.000000	.570707	2.431333
12	.139700	.123787	.869090	1.000000	.591388	2.511328
13	.152400	.130123	.879162	1.000000	.609305	2.578629
14	.165100	.137574	.890138	1.000000	.630367	2.655562
15	.177800	.145581	.901106	1.000000	.653211	2.736562
16	.190500	.152822	.910202	1.000000	.673685	2.807172
17	.203200	.161247	.920009	1.000000	.697502	2.887137
18	.215900	.168906	.928278	1.000000	.719149	2.957946
19	.228600	.177610	.937009	1.000000	.743746	3.036396
20	.241300	.185339	.944229	1.000000	.765584	3.104390
21	.254000	.193833	.951645	1.000000	.789585	3.177436
22	.266700	.201980	.958296	1.000000	.812599	3.245938
23	.279400	.210127	.964537	1.000000	.835611	3.313018
24	.292100	.218900	.970844	1.000000	.860392	3.383766
25	.304800	.226768	.976167	1.000000	.882614	3.445975
26	.317500	.234148	.980957	1.000000	.903730	3.504061
27	.330200	.242086	.985781	1.000000	.926157	3.564721
28	.342900	.248562	.989531	1.000000	.944452	3.613450
29	.355600	.254480	.992822	1.000000	.961173	3.657418
30	.368300	.259354	.995439	1.000000	.974943	3.693233
31	.381000	.263044	.997367	1.000000	.985368	3.720121
32	.393700	.265629	.998793	1.000000	.993236	3.740264
33	.406400	.268127	.999952	1.000000	.999727	3.756838
34	.419100	.275577	1.003597	1.000000	1.020774	3.810016
35	.431800	.348966	1.032359	1.000000	1.228062	4.298764
36	.444500	.360942	1.036096	1.000000	1.261885	4.373332
37	.457200	.361917	1.036391	1.000000	1.264638	4.379346
38	.469900	.362544	1.036579	1.000000	1.266408	4.383207
39	.482600	.363518	1.036872	1.000000	1.269161	4.389207
40	.495300	.365190	1.037370	1.000000	1.273880	4.399474
41	.508000	.366304	1.037700	1.000000	1.277026	4.406305
42	.520700	.366443	1.037742	1.000000	1.277420	4.407158
43	.533400	.366930	1.037885	1.000000	1.278796	4.410143

STATION X= 6.58 CM PTO= 25.115 N/SQ CM TTO=310.72K
R= 2.581 CM PWALL= .3609 N/SQ CM CF= .00190 PI = .668
UE= 661.0 M/SEC RHOE=.00420 KG/CUB M RE= 13.880E6 /M
DELTA= .305 CM DELTA*= .1126 CM THETA= .0162 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.014368	.000000	1.000000	.299504	.000000
2	.012700	.039258	.601556	1.000000	.401205	1.303005
3	.025400	.059172	.715591	1.000000	.467028	1.672333
4	.038100	.069338	.757016	1.000000	.500371	1.831209
5	.050800	.076370	.781319	1.000000	.523265	1.932751
6	.063500	.082080	.799030	1.000000	.541825	2.011310
7	.076200	.087162	.813498	1.000000	.558331	2.078686
8	.088900	.093220	.829503	1.000000	.578186	2.156939
9	.101600	.100670	.847203	1.000000	.602361	2.248551
10	.114300	.106310	.859460	1.000000	.620651	2.315453
11	.127000	.113204	.873275	1.000000	.642996	2.394649
12	.139700	.120515	.886700	1.000000	.666684	2.475844
13	.152400	.127477	.898455	1.000000	.689236	2.550743
14	.165100	.134997	.910158	1.000000	.713585	2.629216
15	.177800	.142865	.921533	1.000000	.739293	2.709605
16	.190500	.151012	.932282	1.000000	.765673	2.789688
17	.203200	.159715	.942853	1.000000	.793852	2.872765
18	.215900	.166609	.950629	1.000000	.816165	2.936884
19	.228600	.177471	.961940	1.000000	.851321	3.035157
20	.241300	.183250	.967535	1.000000	.870023	3.086162
21	.254000	.192371	.975832	1.000000	.899537	3.164983
22	.266700	.200239	.982512	1.000000	.924994	3.231424
23	.279400	.208456	.989061	1.000000	.951574	3.299370
24	.292100	.215906	.994656	1.000000	.975675	3.359790
25	.304800	.223426	1.000000	1.000000	1.000000	3.419689
26	.317500	.231433	1.005444	1.000000	1.026205	3.483066
27	.330200	.243757	1.013165	1.000000	1.066085	3.577360
28	.342900	.290617	1.037515	1.000000	1.217692	3.915160
29	.355600	.333648	1.054730	1.000000	1.356886	4.201454
30	.368300	.342003	1.057643	1.000000	1.383912	4.254809
31	.381000	.351125	1.060688	1.000000	1.413414	4.312299
32	.393700	.356904	1.062547	1.000000	1.432107	4.348330
33	.406400	.360594	1.063708	1.000000	1.444042	4.371182
34	.419100	.362753	1.064377	1.000000	1.451024	4.384494
35	.431800	.363727	1.064677	1.000000	1.454177	4.390492
36	.444500	.365259	1.065146	1.000000	1.459131	4.399901
37	.457200	.367278	1.065759	1.000000	1.465662	4.412273
38	.469900	.368601	1.066193	1.000000	1.470323	4.421082
39	.482600	.369367	1.066422	1.000000	1.472801	4.425758
40	.495300	.370481	1.066754	1.000000	1.476405	4.432551
41	.508000	.371386	1.067023	1.000000	1.479334	4.438063
42	.520700	.371317	1.067002	1.000000	1.479109	4.437639
43	.533400	.372013	1.067208	1.000000	1.481362	4.441875

STATION X= 6.81 CM PTO= 25.115 N/SQ CM TTO=310.72K
R= 7.581 CM PWALL= .3537 N/SQ CM CF= .00106 PI =1.045
UE= 706.1 M/SEC RHOE=.00614 KG/CUB M RE= 33.586E6 /M
DELTA= .439 CM DELTA*= .1823 CM THETA= .0166 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.014082	.000000	1.000000	.200638	.000000
2	.012700	.032365	.514431	1.000000	.254468	1.158229
3	.025400	.056317	.662588	1.000000	.309120	1.644212
4	.038100	.065970	.705172	1.000000	.333007	1.816237
5	.050800	.075256	.732676	1.000000	.351447	1.938619
6	.063500	.080478	.748090	1.000000	.363049	2.011814
7	.076200	.086118	.763338	1.000000	.375568	2.087910
8	.088900	.091619	.777131	1.000000	.387901	2.160256
9	.101600	.097607	.790794	1.000000	.401183	2.235555
10	.114300	.103943	.804064	1.000000	.415229	2.312520
11	.127000	.110486	.816651	1.000000	.429732	2.389383
12	.139700	.117690	.829182	1.000000	.445461	2.470049
13	.152400	.124344	.840144	1.000000	.460414	2.544364
14	.165100	.132143	.851787	1.000000	.477675	2.627531
15	.177800	.139593	.862110	1.000000	.494319	2.705312
16	.190500	.147322	.871905	1.000000	.511427	2.782992
17	.203200	.155677	.881671	1.000000	.529918	2.864585
18	.215900	.163336	.889957	1.000000	.546865	2.937376
19	.228600	.172249	.898885	1.000000	.566582	3.019858
20	.241300	.180117	.906200	1.000000	.583986	3.090836
21	.254000	.199195	.922041	1.000000	.626180	3.256496
22	.266700	.237212	.947473	1.000000	.710453	3.564391
23	.279400	.266595	.962970	1.000000	.775436	3.784746
24	.292100	.284977	.971306	1.000000	.816085	3.916285
25	.304800	.298764	.976990	1.000000	.846569	4.012105
26	.317500	.313873	.982734	1.000000	.879979	4.114552
27	.330200	.327242	.987439	1.000000	.909536	4.203111
28	.342900	.337756	.990915	1.000000	.932781	4.271467
29	.355600	.348061	.994147	1.000000	.955565	4.337419
30	.368300	.354884	.996198	1.000000	.970650	4.380542
31	.381000	.359689	.997602	1.000000	.981272	4.410651
32	.393700	.363031	.998593	1.000000	.988918	4.432199
33	.406400	.365469	.999281	1.000000	.994308	4.447325
34	.419100	.367000	.999710	1.000000	.997695	4.456807
35	.431800	.367557	.999865	1.000000	.998927	4.460250
36	.444500	.368741	1.000194	1.000000	1.001545	4.467557
37	.457200	.370969	1.000807	1.000000	1.006473	4.481279
38	.469900	.372083	1.001111	1.000000	1.008937	4.488125
39	.482600	.372918	1.001338	1.000000	1.010785	4.493252
40	.495300	.373963	1.001621	1.000000	1.013094	4.499653
41	.508000	.375007	1.001902	1.000000	1.015404	4.506045
42	.520700	.376609	1.002331	1.000000	1.018946	4.515828
43	.533400	.377583	1.002590	1.000000	1.021102	4.521772

STATION X= 7.06 CM PTO= 25.115 N/SQ CM TTO=310.72K
R= 2.581 CM PWALL= .3890 N/SQ CM CF= .00108 PI[illegible]=1.270
UE= 698.1 M/SEC RHOE=.00619 KG/CUB M RE= 30.379E6 /M
DELTA= .362 CM DELTA*= .1602 CM THETA= .0158 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.015488	.000000	1.000000	.218761	.000000
2	.012700	.033061	.498101	1.000000	.271358	1.096430
3	.025400	.054158	.635799	1.000000	.319737	1.519176
4	.038100	.066344	.687630	1.000000	.346908	1.711409
5	.050800	.074142	.714887	1.000000	.364154	1.822937
6	.063500	.080478	.734503	1.000000	.378136	1.908576
7	.076200	.085282	.748107	1.000000	.388723	1.970952
8	.088900	.091549	.764430	1.000000	.402519	2.049383
9	.101600	.096980	.777580	1.000000	.414604	2.115696
10	.114300	.104082	.793193	1.000000	.430226	2.198461
11	.127000	.112090	.809157	1.000000	.447826	2.288124
12	.139700	.123230	.828935	1.000000	.472297	2.407243
13	.152400	.140985	.855760	1.000000	.511268	2.585640
14	.165100	.160899	.880691	1.000000	.555131	2.772734
15	.177800	.175591	.896258	1.000000	.587361	2.902534
16	.190500	.187080	.907132	1.000000	.612558	3.000103
17	.203200	.201910	.919747	1.000000	.645079	3.121526
18	.215900	.216463	.930802	1.000000	.676984	3.236223
19	.228600	.230249	.940249	1.000000	.707206	3.341239
20	.241300	.245011	.949475	1.000000	.739779	3.450850
21	.254000	.260677	.958279	1.000000	.774130	3.562794
22	.266700	.275970	.966568	1.000000	.809852	3.675590
23	.279400	.292497	.973756	1.000000	.843892	3.779946
24	.292100	.307816	.980255	1.000000	.877473	3.680142
25	.304800	.322716	.986079	1.000000	.910135	3.975177
26	.317500	.335110	.990590	1.000000	.937302	4.052525
27	.330200	.346459	.994481	1.000000	.962179	4.122079
28	.342900	.354745	.997188	1.000000	.980340	4.172125
29	.355600	.361360	.999273	1.000000	.994838	4.211649
30	.368300	.365259	1.000472	1.000000	1.003384	4.234775
31	.381000	.367278	1.001094	1.000000	1.007809	4.246701
32	.393700	.369089	1.001628	1.000000	1.011777	4.257365
33	.406400	.370899	1.002156	1.000000	1.015745	4.268003
34	.419100	.372152	1.002539	1.000000	1.018492	4.275351
35	.431800	.373475	1.002928	1.000000	1.021391	4.283095
36	.444500	.375216	1.003436	1.000000	1.025206	4.293262
37	.457200	.376459	1.003802	1.000000	1.027953	4.300567
38	.469900	.376887	1.003921	1.000000	1.028869	4.303009
39	.482600	.377096	1.003981	1.000000	1.029327	4.304216
40	.495300	.377932	1.004222	1.000000	1.031158	4.309075
41	.508000	.379324	1.004621	1.000000	1.034210	4.317162
42	.520700	.380647	1.004997	1.000000	1.037109	4.324830
43	.533400	.381204	1.005155	1.000000	1.038330	4.328055

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STATION X= 7.34 CM PTO= 25.115 N/SQ CM TTO=310.72K
R= 2.581 CM PWALL= .5766 N/SQ CM CF= .00132 PT =1.254
UE= 663.3 M/SEC RHOE=.00682 KG/CUB M RE= 22.000E6 /M
DELTA= .346 CM DELTA*= .1366 CM THETA= .0187 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.022957	.000000	1.000000	.294707	.000000
2	.012700	.051791	.541766	1.000000	.371641	1.142479
3	.025400	.069198	.627590	1.000000	.408064	1.386803
4	.038100	.078250	.662135	1.000000	.425627	1.496047
5	.050800	.086327	.688899	1.000000	.442982	1.586073
6	.063500	.094613	.713351	1.000000	.459691	1.673057
7	.076200	.105336	.741544	1.000000	.481415	1.779802
8	.088900	.115153	.764211	1.000000	.501121	1.871369
9	.101600	.126642	.787805	1.000000	.524139	1.972951
10	.114300	.139175	.810574	1.000000	.549211	2.077959
11	.127000	.151847	.831153	1.000000	.574732	2.179655
12	.139700	.162988	.847304	1.000000	.596991	2.264632
13	.152400	.175362	.863585	1.000000	.621740	2.355513
14	.165100	.188681	.879375	1.000000	.648282	2.449235
15	.177800	.200936	.892593	1.000000	.672728	2.532491
16	.190500	.215070	.906477	1.000000	.700915	2.625210
17	.203200	.228160	.918306	1.000000	.727246	2.708960
18	.215900	.242156	.929795	1.000000	.755157	2.794995
19	.228600	.255594	.939937	1.000000	.781951	2.875167
20	.241300	.273140	.952030	1.000000	.816929	2.976573
21	.254000	.290339	.962787	1.000000	.851207	3.072715
22	.266700	.304752	.971073	1.000000	.879929	3.151613
23	.279400	.320906	.979663	1.000000	.912117	3.236507
24	.292100	.333021	.985673	1.000000	.936255	3.299168
25	.304800	.344510	.991060	1.000000	.959144	3.357504
26	.317500	.352656	.994711	1.000000	.975373	3.398260
27	.330200	.355511	.995958	1.000000	.981059	3.412427
28	.342900	.363936	.999610	1.000000	.998138	3.454621
29	.355600	.366861	1.000825	1.000000	1.003966	3.468903
30	.368300	.368392	1.001455	1.000000	1.007018	3.476360
31	.381000	.369924	1.002081	1.000000	1.010071	3.483801
32	.393700	.372083	1.002956	1.000000	1.014373	3.494260
33	.406400	.373823	1.003656	1.000000	1.017842	3.502672
34	.419100	.374866	1.004073	1.000000	1.019923	3.507709
35	.431800	.375007	1.004128	1.000000	1.020201	3.508380
36	.444500	.375286	1.004239	1.000000	1.020756	3.509722
37	.457200	.376400	1.004681	1.000000	1.022976	3.515064
38	.469900	.377444	1.005094	1.000000	1.025057	3.520103
39	.482600	.378558	1.005532	1.000000	1.027277	3.525449
40	.495300	.379603	1.005941	1.000000	1.029359	3.530454
41	.508000	.380160	1.006158	1.000000	1.030469	3.533120
42	.520700	.380856	1.006429	1.000000	1.031856	3.536450
43	.533400	.382109	1.006915	1.000000	1.034354	3.542436

STATION X= 7.59 CM PTO= 25.115 N/SQ CM TTO=310.72K
R= 2.581 CM PWALL= .7052 N/SQ CM CF= .00166 PT = .880
UE= 641.6 M/SEC RHOE=.00722 KG/CUB M RE= 20.243E6 /M
DELTA= .348 CM DELTA*= .1144 CM THETA= .0188 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.028078	.000000	1.000000	.340138	.000000
2	.012700	.068137	.660641	1.000000	.477718	1.422116
3	.025400	.095233	.683165	1.000000	.491506	1.491674
4	.038100	.099069	.694353	1.000000	.498836	1.527366
5	.050800	.107216	.716491	1.000000	.514384	1.600437
6	.063500	.118178	.742214	1.000000	.535217	1.693413
7	.076200	.133187	.775457	1.000000	.563886	1.813583
8	.088900	.149828	.806023	1.000000	.595375	1.937005
9	.101600	.162222	.826098	1.000000	.618787	2.023886
10	.114300	.166330	.832314	1.000000	.626541	2.051652
11	.127000	.166679	.832932	1.000000	.627198	2.054204
12	.139700	.174129	.843735	1.000000	.641466	2.104637
13	.152400	.183751	.863147	1.000000	.669053	2.198669
14	.165100	.205810	.883378	1.000000	.701211	2.303855
15	.177800	.226837	.905352	1.000000	.740822	2.426938
16	.190500	.245463	.923374	1.000000	.777657	2.535038
17	.203200	.265272	.938917	1.000000	.813165	2.636941
18	.215900	.281583	.951503	1.000000	.844876	2.723895
19	.228600	.296675	.961608	1.000000	.872524	2.797505
20	.241300	.312461	.970436	1.000000	.898464	2.864848
21	.254000	.322646	.977763	1.000000	.921388	2.923069
22	.266700	.332682	.983601	1.000000	.940642	2.971087
23	.279400	.342491	.988539	1.000000	.958715	3.015465
24	.292100	.349593	.992568	1.000000	.972073	3.047850
25	.304800	.354676	.995166	1.000000	.981632	3.070815
26	.317500	.358018	.996843	1.000000	.987918	3.085624
27	.330200	.360733	.998188	1.000000	.993025	3.097964
28	.342900	.363440	.999517	1.000000	.998131	3.110056
29	.355600	.365955	1.000731	1.000000	1.002845	3.121176
30	.368300	.368253	1.001832	1.000000	1.007166	3.131335
31	.381000	.370621	1.002956	1.000000	1.011618	3.141767
32	.393700	.371943	1.003579	1.000000	1.014106	3.147582
33	.406400	.373545	1.004328	1.000000	1.017117	3.154606
34	.419100	.375216	1.005105	1.000000	1.020259	3.161919
35	.431800	.376887	1.005876	1.000000	1.023402	3.169215
36	.444500	.378001	1.006388	1.000000	1.025497	3.174069
37	.457200	.379254	1.006960	1.000000	1.027852	3.179522
38	.469900	.379861	1.007245	1.000000	1.029032	3.182245
39	.482600	.380995	1.007750	1.000000	1.031127	3.187080
40	.495300	.381906	1.008159	1.000000	1.032829	3.191002
41	.508000	.382666	1.008503	1.000000	1.034269	3.194318
42	.520700	.383571	1.008929	1.000000	1.035971	3.198232
43	.533400	.384546	1.009345	1.000000	1.037804	3.202441

STATION X= 7.82 CM PTO= 25.115 N/SQ CM TTO=310.72K
R= 2.581 CM PWALL= .7659 N/SQ CM CF= .00188 PT[illegible]= .790
UE= 629.7 M/SEC RHOE=.00732 KG/CUB M RE= 18.894E6 /M
DELTA= .280 CM DELTA*= .0902 CM THETA= .0160 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.030495	.000000	1.000000	.364368	.000000
2	.012700	.077484	.608932	1.000000	.476728	1.241715
3	.025400	.100392	.687358	1.000000	.520757	1.464936
4	.038100	.112577	.720426	1.000000	.543753	1.568947
5	.050800	.126085	.752326	1.000000	.569115	1.676194
6	.063500	.140569	.782374	1.000000	.596421	1.784468
7	.076200	.157348	.812459	1.000000	.627759	1.901149
8	.088900	.172318	.836033	1.000000	.655663	1.999318
9	.101600	.189168	.859734	1.000000	.687256	2.104947
10	.114300	.211728	.887216	1.000000	.729230	2.237585
11	.127000	.239579	.916108	1.000000	.780994	2.391048
12	.139700	.256430	.931414	1.000000	.812290	2.479226
13	.152400	.264298	.938083	1.000000	.826898	2.519331
14	.165100	.268336	.941397	1.000000	.834396	2.539667
15	.177800	.271609	.944031	1.000000	.840471	2.556027
16	.190500	.270564	.943195	1.000000	.838532	2.550817
17	.203200	.277179	.948411	1.000000	.850810	2.583633
18	.215900	.291174	.958875	1.000000	.876784	2.651712
19	.228600	.314082	.974615	1.000000	.919589	2.760247
20	.241300	.329400	.984159	1.000000	.948020	2.830036
21	.254000	.345902	.993725	1.000000	.978642	2.903329
22	.266700	.353631	.997973	1.000000	.992983	2.937024
23	.279400	.357391	.999988	1.000000	.999959	2.953276
24	.292100	.358087	1.000358	1.000000	1.001251	2.956275
25	.304800	.358087	1.000358	1.000000	1.001251	2.956275
26	.317500	.358714	1.000690	1.000000	1.002414	2.958973
27	.330200	.360455	1.001607	1.000000	1.005643	2.966452
28	.342900	.362474	1.002663	1.000000	1.009390	2.975104
29	.355600	.364424	1.003673	1.000000	1.013007	2.983434
30	.368300	.366304	1.004640	1.000000	1.016494	2.991445
31	.381000	.368392	1.005705	1.000000	1.020370	3.000320
32	.393700	.370899	1.006972	1.000000	1.025020	3.010935
33	.406400	.372918	1.007982	1.000000	1.028766	3.019459
34	.419100	.375007	1.009019	1.000000	1.032641	3.028252
35	.431800	.376400	1.009705	1.000000	1.035224	3.034100
36	.444500	.377932	1.010456	1.000000	1.038066	3.040519
37	.457200	.379533	1.011235	1.000000	1.041037	3.047215
38	.469900	.380926	1.011909	1.000000	1.043620	3.053026
39	.482600	.381970	1.012412	1.000000	1.045558	3.057377
40	.495300	.382666	1.012746	1.000000	1.046849	3.060275
41	.508000	.383363	1.013079	1.000000	1.048141	3.063169
42	.520700	.383711	1.013245	1.000000	1.048787	3.064615
43	.533400	.384337	1.013544	1.000000	1.049949	3.067217

STATION X= 5.10 CM PT0= 25.115 N/SQ CM TT0=310.72K
R= 2.581 CM PWALL= .8417 N/SQ CM CF= .00165 RT =1.120
UE= 533.4 M/SEC RHOE=.00822 KG/CUB M RE= 21.78056 /M
DELTA= .232 CM DELTA*= .0819 CM THETA= .0137 CM

I	Y(CM)	PT/PT0	U/UE	TT/TT0	RHO/RHOE	M
1	.000000	.033512	.000000	1.000000	.356803	.000000
2	.012700	.082010	.593418	1.000000	.461283	1.210004
3	.025400	.107076	.674585	1.000000	.504457	1.438445
4	.038100	.120932	.709709	1.000000	.527792	1.547939
5	.050800	.136529	.743799	1.000000	.553905	1.661942
6	.063500	.153101	.775347	1.000000	.581744	1.775434
7	.076200	.167584	.799445	1.000000	.605855	1.868157
8	.088900	.187219	.828190	1.000000	.638490	1.986762
9	.101600	.207620	.854344	1.000000	.672542	2.103466
10	.114300	.228936	.878177	1.000000	.707985	2.219385
11	.127000	.253157	.901731	1.000000	.748008	2.341384
12	.139700	.274603	.920174	1.000000	.783507	2.445310
13	.152400	.302454	.941303	1.000000	.829584	2.573954
14	.165100	.329609	.959471	1.000000	.874769	2.694148
15	.177800	.357461	.975863	1.000000	.920836	2.811401
16	.190500	.391691	.988659	1.000000	.969903	2.909544
17	.203200	.405853	1.000235	1.000000	1.000847	3.004197
18	.215900	.424026	1.008275	1.000000	1.030887	3.073460
19	.228600	.417759	1.005564	1.000000	1.020528	3.049754
20	.241300	.372222	.983802	1.000000	.945245	2.871591
21	.254000	.345902	.969298	1.000000	.901720	2.763349
22	.266700	.346251	.969500	1.000000	.902296	2.764809
23	.279400	.353562	.973684	1.000000	.914387	2.795284
24	.292100	.361360	.978003	1.000000	.927284	2.827426
25	.304800	.365025	.980528	1.000000	.934098	2.846479
26	.317500	.367344	.981234	1.000000	.937186	2.851859
27	.330200	.366154	.980692	1.000000	.935229	2.847046
28	.342900	.364772	.979955	1.000000	.932926	2.841373
29	.355600	.364149	.979519	1.000000	.931890	2.838816
30	.368300	.364424	.979668	1.000000	.932350	2.839953
31	.381000	.365468	.980229	1.000000	.934077	2.844211
32	.393700	.367139	.981122	1.000000	.936841	2.851010
33	.406400	.368940	.982083	1.000000	.939834	2.858357
34	.419100	.370829	.983073	1.000000	.942943	2.865967
35	.431800	.372431	.983911	1.000000	.945591	2.872434
36	.444500	.374311	.984887	1.000000	.948699	2.880107
37	.457200	.376052	.985786	1.000000	.951579	2.887000
38	.469900	.377096	.986329	1.000000	.953305	2.891189
39	.482600	.378459	.987031	1.000000	.955607	2.896763
40	.495300	.379533	.987561	1.000000	.957334	2.900937
41	.508000	.380595	.988300	1.000000	.959752	2.905771
42	.520700	.381970	.988790	1.000000	.961363	2.910653
43	.533400	.382806	.989209	1.000000	.962745	2.913977

STATION X= 8.33 CM PTO= 25.115 N/SQ CM TTO=310.72K

R= 2.581 CM PWALL= .9075 N/SQ CM CF= .00144 PT[illegible]=1.298

UE= 642.2 M/SEC RHOE=.00933 KG/CUB M RE= 26.388E6 /M

DELTA= .247 CM DELTA*= .0931 CM THETA= .0147 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.036134	.000000	1.000000	.338949	.000000
2	.012700	.084517	.571121	1.000000	.432125	1.172379
3	.025400	.107773	.645165	1.000000	.467616	1.377688
4	.038100	.127129	.692918	1.000000	.496552	1.524752
5	.050800	.141960	.723716	1.000000	.518457	1.627269
6	.063500	.158253	.753513	1.000000	.542608	1.733279
7	.076200	.177819	.784399	1.000000	.571326	1.851458
8	.088900	.196967	.810726	1.000000	.599366	1.959981
9	.101600	.218621	.836771	1.000000	.631024	2.075697
10	.114300	.242922	.862384	1.000000	.666735	2.198934
11	.127000	.266944	.884281	1.000000	.701799	2.313559
12	.139700	.291035	.903863	1.000000	.736939	2.422998
13	.152400	.318121	.923229	1.000000	.776423	2.540349
14	.165100	.347086	.941487	1.000000	.818627	2.660065
15	.177800	.378976	.959283	1.000000	.865362	2.786639
16	.190500	.404112	.971741	1.000000	.901984	2.881940
17	.203200	.433495	.984903	1.000000	.944784	2.989472
18	.215900	.454593	.993543	1.000000	.975510	3.064343
19	.228600	.466917	.998310	1.000000	.993457	3.107240
20	.241300	.471791	1.000142	1.000000	1.000554	3.124042
21	.254000	.470607	.999700	1.000000	.998830	3.119969
22	.266700	.465802	.997897	1.000000	.991834	3.103397
23	.279400	.440459	.987824	1.000000	.954925	3.014389
24	.292100	.378349	.958957	1.000000	.864449	2.784221
25	.304800	.356068	.946810	1.000000	.831970	2.696833
26	.317500	.358714	.948311	1.000000	.835835	2.707359
27	.330200	.364911	.951762	1.000000	.844866	2.731852
28	.342900	.369741	.953952	1.000000	.850447	2.746873
29	.355600	.369646	.954341	1.000000	.851766	2.750415
30	.368300	.366621	.953776	1.000000	.850244	2.746333
31	.381000	.365677	.952152	1.000000	.845983	2.734164
32	.393700	.364563	.951579	1.000000	.844350	2.730452
33	.406400	.365441	.952068	1.000000	.845678	2.734043
34	.419100	.366234	.952487	1.000000	.846794	2.737052
35	.431800	.367627	.953247	1.000000	.848824	2.742516
36	.444500	.369556	.954265	1.000000	.851563	2.749874
37	.457200	.370829	.954979	1.000000	.853491	2.755040
38	.469900	.371732	.955463	1.000000	.854510	2.758569
39	.482600	.373546	.956429	1.000000	.857449	2.765613
40	.495300	.375216	.957314	1.000000	.859833	2.772100
41	.508000	.376817	.958155	1.000000	.862217	2.778302
42	.520700	.378280	.958921	1.000000	.864348	2.783952
43	.533400	.379603	.959609	1.000000	.866275	2.789055

STATION X= 8.61 CM PTO= 25.115 N/SQ CM TTO=310.72K
R= 2.581 CM PWALL= 1.0279 N/SQ CM CF= .00144 PT =1.396
UE= 631.9 M/SEC RHOE=.00995 KG/CUB M RE= 26.09356 /M
DELTA= .243 CM DELTA*= .0909 CM THETA= .0153 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.040927	.000000	1.000000	.359821	.000000
2	.012700	.092733	.570023	1.000000	.454326	1.145957
3	.025400	.114735	.637043	1.000000	.486114	1.324738
4	.038100	.131794	.678470	1.000000	.510159	1.445357
5	.050800	.147530	.711075	1.000000	.532038	1.546958
6	.063500	.166818	.745687	1.000000	.558704	1.662414
7	.076200	.184782	.773980	1.000000	.583648	1.763587
8	.088900	.206158	.803250	1.000000	.613036	1.875797
9	.101600	.230667	.832395	1.000000	.646659	1.996453
10	.114300	.252809	.855625	1.000000	.677210	2.100086
11	.127000	.278572	.879309	1.000000	.712484	2.213712
12	.139700	.308373	.903259	1.000000	.753249	2.338157
13	.152400	.338452	.924301	1.000000	.794364	2.457296
14	.165100	.368601	.943068	1.000000	.835551	2.571114
15	.177800	.402510	.961719	1.000000	.882137	2.694064
16	.190500	.431337	.975769	1.000000	.921509	2.793759
17	.203200	.455498	.986513	1.000000	.954502	2.874639
18	.215900	.474715	.994466	1.000000	.980740	2.937370
19	.228600	.484603	.998370	1.000000	.994238	2.969126
20	.241300	.488571	.999903	1.000000	.999656	2.981777
21	.254000	.489128	1.000117	1.000000	1.000416	2.983549
22	.266700	.488014	.999689	1.000000	.998895	2.980005
23	.279400	.486483	.999099	1.000000	.996804	2.975125
24	.292100	.485229	.998613	1.000000	.995093	2.971127
25	.304800	.484185	.998207	1.000000	.993667	2.967791
26	.317500	.482305	.997473	1.000000	.991101	2.961777
27	.330200	.478475	.995965	1.000000	.985873	2.949487
28	.342900	.443522	.981297	1.000000	.938149	2.834839
29	.355600	.372709	.945444	1.000000	.841161	2.586231
30	.368300	.362753	.939619	1.000000	.827562	2.549435
31	.381000	.366234	.941681	1.000000	.832317	2.562362
32	.393700	.369069	.943352	1.000000	.836216	2.572912
33	.406400	.368532	.943027	1.000000	.835456	2.570857
34	.419100	.367139	.942213	1.000000	.833554	2.565712
35	.431800	.365677	.941353	1.000000	.831556	2.560298
36	.444500	.366164	.941640	1.000000	.832222	2.562104
37	.457200	.367627	.942498	1.000000	.834219	2.567514
38	.469900	.369437	.943554	1.000000	.836692	2.574196
39	.482600	.371038	.944482	1.000000	.838879	2.580093
40	.495300	.372988	.945603	1.000000	.841542	2.587253
41	.508000	.374450	.946439	1.000000	.843539	2.592610
42	.520700	.375564	.947073	1.000000	.845060	2.596684
43	.533400	.377096	.947939	1.000000	.847152	2.602275

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STATION X= 8.84 CM PT0= 25.115 N/SQ CM TT0=310.72K
R= 2.581 CM PWALL= 1.0481 N/SQ CM CF= .00143 PT =1.382
UE= 633.0 M/SEC RHOE=.01021 KG/CUB M RE= 26.9886E6 /M
DELTA= .245 CM DELTA*= .0913 CM THETA= .0152 CM

I	Y(CM)	PT/PT0	U/UE	TT/TT0	RHO/RHOE	M
1	.000000	.041733	.000000	1.000000	.357583	.000000
2	.012700	.092733	.562881	1.000000	.448965	1.130399
3	.025400	.120445	.644658	1.000000	.487820	1.349475
4	.038100	.136599	.682043	1.000000	.509986	1.459812
5	.050800	.153449	.715478	1.000000	.532798	1.565247
6	.063500	.172170	.747749	1.000000	.558020	1.674117
7	.076200	.192859	.778915	1.000000	.585971	1.787037
8	.088900	.211798	.803820	1.000000	.611339	1.883671
9	.101600	.234009	.829641	1.000000	.641034	1.990840
10	.114300	.256290	.852531	1.000000	.670779	2.092693
11	.127000	.285117	.878669	1.000000	.709467	2.218179
12	.139700	.315614	.902542	1.000000	.750123	2.342819
13	.152400	.347156	.924089	1.000000	.792139	2.465018
14	.165100	.379254	.943359	1.000000	.834874	2.583381
15	.177800	.412119	.960865	1.000000	.878892	2.699861
16	.190500	.441363	.974762	1.000000	.917819	2.798869
17	.203200	.469563	.986976	1.000000	.955348	2.891093
18	.215900	.487248	.993977	1.000000	.978880	2.947451
19	.228600	.498040	.998104	1.000000	.993239	2.981316
20	.241300	.502776	.999871	1.000000	.999538	2.996052
21	.254000	.503193	1.000026	1.000000	1.000094	2.997348
22	.266700	.502706	.999846	1.000000	.999445	2.995836
23	.279400	.502010	.999587	1.000000	.998519	2.993673
24	.292100	.500617	.999069	1.000000	.996666	2.989343
25	.304800	.498737	.998365	1.000000	.994165	2.983488
26	.317500	.496579	.997553	1.000000	.991294	2.976751
27	.330200	.494211	.996655	1.000000	.988144	2.969344
28	.342900	.492610	.996044	1.000000	.986013	2.964323
29	.355600	.491006	.995430	1.000000	.983883	2.959293
30	.368300	.489825	.994975	1.000000	.982308	2.955570
31	.381000	.488502	.994463	1.000000	.980547	2.951404
32	.393700	.467335	.986087	1.000000	.952382	2.883914
33	.406400	.384268	.946147	1.000000	.841546	2.601377
34	.419100	.367248	.936486	1.000000	.819025	2.540127
35	.431800	.368949	.937428	1.000000	.821157	2.545983
36	.444500	.368044	.936896	1.000000	.819952	2.542677
37	.457200	.366512	.935993	1.000000	.817912	2.537063
38	.469900	.365627	.935456	1.000000	.816707	2.533741
39	.482600	.366095	.935745	1.000000	.817254	2.535539
40	.495300	.367348	.936486	1.000000	.819025	2.540127
41	.508000	.369671	.937265	1.000000	.820796	2.544970
42	.520700	.370664	.938072	1.000000	.822640	2.550057
43	.533400	.371356	.938950	1.000000	.824401	2.554681

STATION X= 9.09 CM PTO= 25.115 N/SQ CM TTO=310.72K
R= 2.581 CM PWALL= 1.0707 N/SQ CM CF= .00142 PI[illegible]=1.373
UE= 634.0 M/SEC RHOE=.01049 KG/CUB M RE= 27.905E6 /M
DELTA= .249 CM DELTA*= .0925 CM THETA= .0154 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.042634	.000000	1.000000	.355691	.000000
2	.012700	.100044	.579510	1.000000	.453907	1.175008
3	.025400	.122464	.642295	1.000000	.484463	1.345429
4	.038100	.140011	.682001	1.000000	.507901	1.462750
5	.050800	.156095	.713216	1.000000	.529101	1.561300
6	.063500	.175312	.745730	1.000000	.554302	1.670901
7	.076200	.192093	.770939	1.000000	.576431	1.761528
8	.088900	.214931	.800836	1.000000	.606227	1.876654
9	.101600	.235820	.824934	1.000000	.633424	1.975889
10	.114300	.263462	.852981	1.000000	.669578	2.100564
11	.127000	.288946	.875458	1.000000	.702690	2.208581
12	.139700	.318608	.898465	1.000000	.741195	2.327895
13	.152400	.353492	.922005	1.000000	.786443	2.460723
14	.165100	.386287	.941325	1.000000	.828956	2.579297
15	.177800	.419848	.958901	1.000000	.872724	2.695927
16	.190500	.450763	.973272	1.000000	.912793	2.798442
17	.203200	.478127	.984821	1.000000	.948251	2.886125
18	.215900	.497962	.992566	1.000000	.973871	2.947856
19	.228600	.510296	.997187	1.000000	.989926	2.985892
20	.241300	.516284	.999359	1.000000	.997683	3.004096
21	.254000	.518860	1.000281	1.000000	1.001020	3.011893
22	.266700	.519964	1.000653	1.000000	1.002373	3.015049
23	.279400	.518721	1.000232	1.000000	1.000840	3.011472
24	.292100	.517607	.999833	1.000000	.999397	3.008102
25	.304800	.515866	.999209	1.000000	.997142	3.002829
26	.317500	.514473	.998706	1.000000	.995338	2.998604
27	.330200	.513638	.998404	1.000000	.994256	2.996066
28	.342900	.511549	.997645	1.000000	.991550	2.989711
29	.355600	.509112	.996753	1.000000	.988393	2.982280
30	.368300	.507371	.996112	1.000000	.986138	2.976961
31	.381000	.505700	.995494	1.000000	.983973	2.971846
32	.393700	.503054	.994508	1.000000	.980546	2.963728
33	.406400	.499991	.993357	1.000000	.976577	2.954301
34	.419100	.497484	.992408	1.000000	.973329	2.946565
35	.431800	.493933	.991050	1.000000	.968729	2.935571
36	.444500	.488432	.988917	1.000000	.961602	2.918458
37	.457200	.419291	.958627	1.000000	.872002	2.694043
38	.469900	.368860	.931375	1.000000	.806394	2.517063
39	.482600	.367030	.930260	1.000000	.803957	2.510248
40	.495300	.365747	.929512	1.000000	.802332	2.505695
41	.508000	.364772	.928928	1.000000	.801068	2.502147
42	.520700	.364772	.928928	1.000000	.801068	2.502147
43	.533400	.365747	.929512	1.000000	.802332	2.505695

ID NO. 12410-014

STATION Y= 9.35 CM PTO= 25.119 N/SQ CM TTO=310.72K
S= 2.581 CM PWALL= 1.1006 N/SQ CM CF= .00143 PT =1.346
UE= 633.4 M/SEC RHOE=.21074 KG/CUB M RE= 28.45956 /M
DELTA= .252 CM DELTA*= .0927 CM THETA= .0155 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTE	RHO/RHOE	M
1	.000000	.043822	.000000	1.000000	.356917	.000000
2	.012700	.102956	.380473	1.000000	.455652	1.176083
3	.025400	.129079	.650404	1.000000	.490297	1.366937
4	.038100	.145511	.685860	1.000000	.511715	1.472599
5	.050800	.162222	.717021	1.000000	.533206	1.571500
6	.063500	.173306	.743519	1.000000	.553796	1.660742
7	.076200	.197106	.771208	1.000000	.577985	1.759806
8	.088900	.218204	.798391	1.000000	.604860	1.863710
9	.101600	.243270	.826647	1.000000	.636724	1.979844
10	.114300	.267574	.850655	1.000000	.667564	2.086101
11	.127000	.297232	.876451	1.000000	.705410	2.209524
12	.139700	.324526	.897217	1.000000	.740001	2.316588
13	.152400	.357461	.919247	1.000000	.781709	2.439439
14	.165100	.393389	.940236	1.000000	.827181	2.566685
15	.177800	.426463	.957261	1.000000	.869020	2.678431
16	.190500	.459258	.972441	1.000000	.910796	2.785533
17	.203200	.485905	.983596	1.000000	.944620	2.869331
18	.215900	.504865	.990929	1.000000	.969497	2.927014
19	.228600	.518721	.996055	1.000000	.986011	2.968653
20	.241300	.526796	.998949	1.000000	.996225	2.992657
21	.254000	.530070	1.000101	1.000000	1.000364	3.002325
22	.266700	.530627	1.000296	1.000000	1.001065	3.003971
23	.279400	.530906	1.000394	1.000000	1.001420	3.004792
24	.292100	.530906	1.000394	1.000000	1.001420	3.004792
25	.304800	.530488	1.000247	1.000000	1.000892	3.003560
26	.317500	.529165	.999783	1.000000	.999219	2.999656
27	.330200	.528329	.999489	1.000000	.998162	2.997188
28	.342900	.526519	.998849	1.000000	.995873	2.991832
29	.355600	.524361	.998032	1.000000	.993143	2.985435
30	.368300	.522341	.997360	1.000000	.990590	2.979438
31	.381000	.521089	.996910	1.000000	.989005	2.975709
32	.393700	.518929	.996131	1.000000	.986275	2.969277
33	.406400	.516910	.995397	1.000000	.983721	2.963246
34	.419100	.515030	.994710	1.000000	.981344	2.957621
35	.431800	.513916	.994302	1.000000	.979936	2.954282
36	.444500	.513081	.993994	1.000000	.978878	2.951776
37	.457200	.512733	.993866	1.000000	.978438	2.950731
38	.469900	.512245	.993685	1.000000	.977821	2.949267
39	.482600	.510017	.992863	1.000000	.975003	2.942567
40	.495300	.506744	.991637	1.000000	.970864	2.932698
41	.508000	.468379	.976353	1.000000	.922335	2.814406
42	.520700	.378280	.931756	1.000000	.808061	2.513966
43	.533400	.372649	.920589	1.000000	.801187	2.494742

STATION X= 5.56 CM PTO= 25.115 N/SQ CM TTO=310.72K
R= 2.591 CM PWALL= 1.1428 N/SQ CM CF= .00149 PT =1.196
UE= 532.5 M/SEC RHOE=.01110 KG/CUB M RE= 29.20556 /M
DELTA= .262 CM DELTA*= .0925 CM THETA= .0157 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.045501	.000000	1.000000	.358746	.000000
2	.012700	.111532	.594829	1.000000	.464029	1.211355
3	.025400	.142517	.669513	1.000000	.503461	1.420197
4	.038100	.159156	.701866	1.000000	.524400	1.519469
5	.050800	.174025	.728554	1.000000	.543861	1.606246
6	.063500	.192650	.755785	1.000000	.566106	1.700019
7	.076200	.212772	.782797	1.000000	.590958	1.799012
8	.088900	.232268	.806073	1.000000	.614983	1.889784
9	.101600	.253922	.829169	1.000000	.641622	1.985589
10	.114300	.278641	.852597	1.000000	.671987	2.089445
11	.127000	.307467	.876829	1.000000	.707606	2.205043
12	.139700	.332394	.895312	1.000000	.738189	2.299666
13	.152400	.363279	.915793	1.000000	.776178	2.412040
14	.165100	.399656	.936866	1.000000	.820628	2.537215
15	.177800	.431197	.953082	1.000000	.859258	2.641186
16	.190500	.462043	.967451	1.000000	.897317	2.739762
17	.203200	.498084	.978458	1.000000	.929210	2.819718
18	.215900	.513091	.986221	1.000000	.959819	2.894377
19	.228600	.525623	.992926	1.000000	.975420	2.931699
20	.241300	.535222	.996289	1.000000	.986926	2.959928
21	.254000	.542255	.998745	1.000000	.995538	2.979135
22	.266700	.547547	1.000563	1.000000	1.002016	2.994250
23	.279400	.550471	1.001555	1.000000	1.005596	3.002571
24	.292100	.551237	1.001814	1.000000	1.006533	3.004746
25	.304800	.551864	1.002025	1.000000	1.007300	3.006524
26	.317500	.552212	1.002142	1.000000	1.007727	3.007512
27	.330200	.553674	1.002633	1.000000	1.009517	3.011657
28	.342900	.554927	1.003053	1.000000	1.011051	3.015205
29	.355600	.555763	1.003331	1.000000	1.012074	3.017568
30	.368300	.555763	1.003331	1.000000	1.012074	3.017568
31	.381000	.555833	1.003355	1.000000	1.012159	3.017765
32	.393700	.556947	1.003725	1.000000	1.013523	3.020912
33	.406400	.557643	1.003956	1.000000	1.014375	3.022878
34	.419100	.556807	1.003679	1.000000	1.013352	3.020519
35	.431800	.556733	1.003656	1.000000	1.013247	3.020322
36	.444500	.556520	1.003594	1.000000	1.013011	3.019732
37	.457200	.555653	1.003308	1.000000	1.011989	3.017371
38	.469900	.554927	1.003053	1.000000	1.011051	3.015205
39	.482600	.553226	1.002517	1.000000	1.009090	3.010671
40	.495300	.552273	1.002095	1.000000	1.007556	3.007117
41	.508000	.549845	1.001343	1.000000	1.004829	3.000790
42	.520700	.546294	1.000135	1.000000	1.000481	2.990677
43	.533400	.541062	.998311	1.000000	.994003	2.975544

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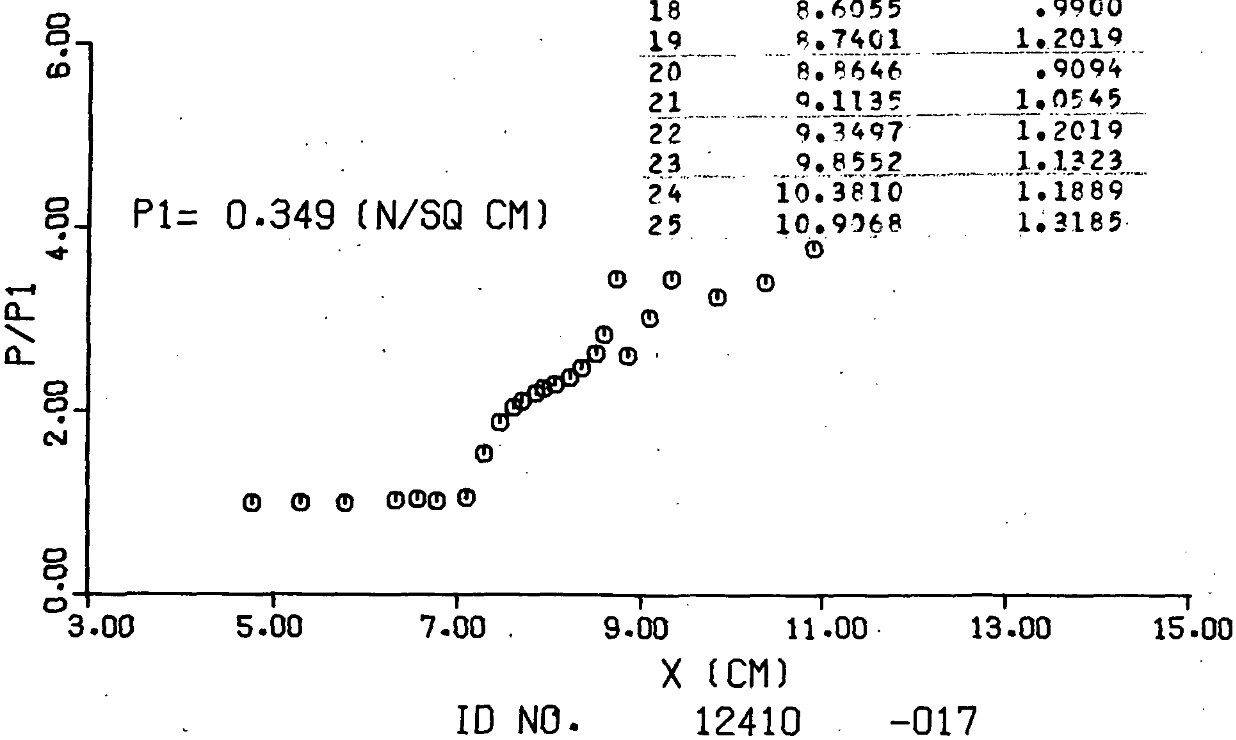
STATION X= 10.39 CM PTO= 25.115 N/SQ CM TTO=310.72K
R= 2.581 CM PWALL= 1.2240 N/SQ CM CF= .00154 PT[illegible]=1.112
UE= 629.4 M/SEC RHOE=.01168 KG/CUB M RE= 30.0835E6 /M
DELTA= .264 CM DELTA*= .0901 CM THETA= .0157 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.049737	.000000	1.000000	.364958	.000000
2	.012700	.126224	.615124	1.000000	.480399	1.257533
3	.025400	.154702	.676976	1.000000	.514786	1.432659
4	.038100	.174895	.712656	1.000000	.533713	1.542618
5	.050800	.192232	.739502	1.000000	.559146	1.631014
6	.063500	.208316	.762096	1.000000	.578232	1.709292
7	.076200	.226211	.784607	1.000000	.599222	1.791436
8	.088900	.249536	.810803	1.000000	.626524	1.892953
9	.101600	.275786	.836784	1.000000	.657190	2.000850
10	.114300	.299321	.857484	1.000000	.684647	2.092735
11	.127000	.327312	.879623	1.000000	.717519	2.197702
12	.139700	.356068	.899709	1.000000	.751030	2.299780
13	.152400	.395809	.918260	1.000000	.785654	2.400693
14	.165100	.418177	.936313	1.000000	.823338	2.505912
15	.177800	.454593	.954381	1.000000	.865702	2.619157
16	.190500	.484533	.967842	1.000000	.900813	2.709425
17	.203200	.514055	.979872	1.000000	.935157	2.794906
18	.215900	.533760	.987346	1.000000	.958077	2.850525
19	.228600	.550332	.993319	1.000000	.977349	2.896468
20	.241300	.560428	.996825	1.000000	.989090	2.924102
21	.254000	.567252	.999142	1.000000	.997025	2.942631
22	.266700	.570176	1.000122	1.000000	1.000425	2.950536
23	.279400	.571360	1.000517	1.000000	1.001802	2.953730
24	.292100	.572335	1.000841	1.000000	1.002935	2.956357
25	.304800	.572683	1.000956	1.000000	1.003340	2.957295
26	.317500	.572126	1.000771	1.000000	1.002692	2.955795
27	.330200	.569619	.999936	1.000000	.999778	2.949032
28	.342900	.564954	.998367	1.000000	.994352	2.936405
29	.355600	.559105	.996371	1.000000	.987552	2.920496
30	.368300	.552490	.994076	1.000000	.979859	2.902398
31	.381000	.544065	.991092	1.000000	.970061	2.879181
32	.393700	.536615	.988394	1.000000	.961397	2.858492
33	.406400	.527076	.984857	1.000000	.950292	2.831791
34	.419100	.518860	.981733	1.000000	.940746	2.808569
35	.431800	.512106	.979109	1.000000	.932889	2.789343
36	.444500	.508903	.977847	1.000000	.929164	2.780179
37	.457200	.509599	.978123	1.000000	.929974	2.782173
38	.469900	.511131	.978727	1.000000	.931756	2.786557
39	.482600	.511897	.979027	1.000000	.932646	2.788746
40	.495300	.511897	.979027	1.000000	.932646	2.788746
41	.508000	.511688	.978945	1.000000	.932403	2.788149
42	.520700	.510992	.978672	1.000000	.931594	2.786158
43	.533400	.510296	.978397	1.000000	.930784	2.784166

ID NO. 12410-017

PTO= 25.1026 N/SQ CM
TTO= 302.1111 K
PBAR= 759.8000 MMHG
TMAN= 299.4444 K

I	X(CM)	P(N/SQ CM)
1	4.7752	.3490
2	5.2984	.3490
3	5.7861	.3480
4	6.3449	.3596
5	6.5811	.3627
6	6.7920	.3559
7	7.1171	.3699
8	7.3101	.5359
9	7.4803	.6542
10	7.6251	.7122
11	7.7165	.7362
12	7.8664	.7654
13	7.9527	.7829
14	8.0772	.7979
15	8.2398	.8254
16	8.3642	.8617
17	8.5166	.9173
18	8.6055	.9900
19	8.7401	1.2019
20	8.8646	.9094
21	9.1135	1.0545
22	9.3497	1.2019
23	9.8552	1.1323
24	10.3810	1.1889
25	10.9068	1.3185



ID NO. 12410-018

STATION X= 6.32 CM PTO= 25.101 N/SQ CM TTO=304.56K
R= 2.581 CM PWALL= .3596 N/SQ CM CF= .00172 PI [illegible]= .533
UE= 671.0 M/SEC RHOE=.00485 KG/CUB M RE= 19.037E6 /M
DELTA= .361 CM DELTA*= .1201 CM THETA= .0151 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.014327	.000000	1.000000	.263608	.000000
2	.012700	.040016	.592920	1.000000	.355689	1.321574
3	.025400	.063981	.718874	1.000000	.425553	1.752628
4	.038100	.076382	.762773	1.000000	.461215	1.936009
5	.050800	.085857	.790575	1.000000	.488390	2.064844
6	.063500	.092058	.806827	1.000000	.506324	2.145632
7	.076200	.099303	.823899	1.000000	.527079	2.235488
8	.088900	.106409	.839075	1.000000	.547421	2.320183
9	.101600	.113585	.853045	1.000000	.567951	2.402637
10	.114300	.122015	.867957	1.000000	.592058	2.495980
11	.127000	.130375	.881367	1.000000	.615957	2.585191
12	.139700	.139989	.895334	1.000000	.643430	2.684086
13	.152400	.147931	.905953	1.000000	.666339	2.763846
14	.165100	.157685	.917780	1.000000	.694214	2.857893
15	.177800	.166463	.927525	1.000000	.719295	2.939948
16	.190500	.176356	.937612	1.000000	.747557	3.029746
17	.203200	.184716	.945484	1.000000	.771438	3.103596
18	.215900	.195027	.954464	1.000000	.800886	3.192314
19	.228600	.203874	.961599	1.000000	.826153	3.266516
20	.241300	.213071	.968515	1.000000	.852412	3.341886
21	.254000	.221640	.974545	1.000000	.876879	3.410613
22	.266700	.230139	.980229	1.000000	.901414	3.478167
23	.279400	.237454	.984807	1.000000	.922308	3.534679
24	.292100	.245187	.989405	1.000000	.944395	3.593451
25	.304800	.250413	.992381	1.000000	.959318	3.632622
26	.317500	.255777	.995332	1.000000	.974638	3.672402
27	.330200	.259260	.997194	1.000000	.984586	3.698003
28	.342900	.261699	.998474	1.000000	.991550	3.715819
29	.355600	.263928	.999626	1.000000	.997917	3.732033
30	.368300	.265600	1.000480	1.000000	1.002692	3.744147
31	.381000	.266715	1.001045	1.000000	1.005875	3.752201
32	.393700	.267621	1.001501	1.000000	1.008461	3.758733
33	.406400	.269432	1.002405	1.000000	1.013634	3.771762
34	.419100	.278558	1.006811	1.000000	1.039696	3.836733
35	.431800	.324469	1.025777	1.000000	1.170789	4.148136
36	.444500	.354705	1.035961	1.000000	1.257114	4.341014
37	.457200	.358328	1.037082	1.000000	1.267456	4.363551
38	.469900	.359373	1.037401	1.000000	1.270440	4.370031
39	.482600	.360488	1.037741	1.000000	1.273622	4.376932
40	.495300	.362229	1.038267	1.000000	1.278594	4.387692
41	.508000	.363205	1.038560	1.000000	1.281379	4.393707
42	.520700	.364250	1.038873	1.000000	1.284362	4.400142
43	.533400	.365225	1.039163	1.000000	1.287147	4.406139

STATION X= 6.58 CM PTO= 25.101 N/SQ CM TTO=304.56K
R= 2.581 CM PWALL= .3627 N/SQ CM CF= .00182 PI = .594
UE= 664.3 M/SEC RHOE=.00463 KG/CUB M RE= 17.008E6 /M
DELTA= .305 CM DELTA*= .1097 CM THETA= .0146 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.014450	.000000	1.000000	.278153	.000000
2	.012700	.042593	.614090	1.000000	.382190	1.367533
3	.025400	.064678	.726665	1.000000	.449478	1.754908
4	.038100	.076591	.768998	1.000000	.485322	1.929772
5	.050800	.085091	.794358	1.000000	.510831	2.045130
6	.063500	.092058	.812942	1.000000	.531892	2.135687
7	.076200	.098955	.829444	1.000000	.552564	2.220980
8	.088900	.105991	.844748	1.000000	.573640	2.304690
9	.101600	.113097	.858847	1.000000	.594012	2.386207
10	.114300	.121109	.873331	1.000000	.618885	2.474855
11	.127000	.128494	.885530	1.000000	.640973	2.553812
12	.139700	.138526	.900576	1.000000	.670968	2.657281
13	.152400	.146189	.911141	1.000000	.694101	2.734406
14	.165100	.156291	.923758	1.000000	.724307	2.831951
15	.177800	.164791	.933467	1.000000	.749716	2.911476
16	.190500	.174405	.943575	1.000000	.778452	2.998875
17	.203200	.183949	.952801	1.000000	.806976	3.083178
18	.215900	.193494	.961317	1.000000	.835496	3.165225
19	.228600	.202133	.968479	1.000000	.861307	3.237688
20	.241300	.211538	.975743	1.000000	.889405	3.314770
21	.254000	.220386	.982134	1.000000	.915835	3.385677
22	.266700	.228746	.987865	1.000000	.941085	3.452058
23	.279400	.236340	.992732	1.000000	.963778	3.510643
24	.292100	.243097	.996856	1.000000	.983971	3.56[illegible]966
25	.304800	.248462	1.000000	1.000000	1.000000	3.602165
26	.317500	.253826	1.003035	1.000000	1.016029	3.641959
27	.330200	.261908	1.007414	1.000000	1.040175	3.701068
28	.342900	.283505	1.018096	1.000000	1.104699	3.854578
29	.355600	.335895	1.039136	1.000000	1.261200	4.203688
30	.368300	.352267	1.044609	1.000000	1.310102	4.306976
31	.381000	.356308	1.045894	1.000000	1.322171	4.332089
32	.393700	.359094	1.046765	1.000000	1.330494	4.349323
33	.406400	.360488	1.047196	1.000000	1.334656	4.357915
34	.419100	.361672	1.047561	1.000000	1.338193	4.365204
35	.431800	.362996	1.047965	1.000000	1.342147	4.373337
36	.444500	.364319	1.048368	1.000000	1.346100	4.381455
37	.457200	.365643	1.048767	1.000000	1.350054	4.389558
38	.469900	.366549	1.049039	1.000000	1.352759	4.395093
39	.482600	.367385	1.049290	1.000000	1.355256	4.400196
40	.495300	.368291	1.049559	1.000000	1.357961	4.405718
41	.508000	.369127	1.049807	1.000000	1.360458	4.410809
42	.520700	.369754	1.050028	1.000000	1.362684	4.415343
43	.533400	.371077	1.050417	1.000000	1.366639	4.423387

ID NO. 1241C-020

STATION X= 6.81 CM PTO= 25.101 N/SQ CM TTO=304.56K

R= 2.581 CM PWALL= .3559 N/SQ CM CF= .00112 PT := .957

UE= 697.6 M/SEC RHOE=.00620 KG/CUB M RE= 33.626E6 /M

DELTA= .405 CM DELTA*= .1658 CM THETA= .0154 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.014177	.000000	1.000000	.204018	.000000
2	.012700	.031377	.504542	1.000000	.255963	1.127207
3	.025400	.056318	.662310	1.000000	.313460	1.637802
4	.038100	.071993	.722272	1.000000	.348895	1.884304
5	.050800	.080771	.748970	1.000000	.368603	2.008382
6	.063500	.087808	.767927	1.000000	.384505	2.103163
7	.076200	.094287	.783564	1.000000	.399027	2.186141
8	.088900	.100557	.797378	1.000000	.413071	2.263493
9	.101600	.107872	.812079	1.000000	.429446	2.350473
10	.114300	.116093	.827033	1.000000	.447839	2.444461
11	.127000	.124592	.841003	1.000000	.466947	2.537975
12	.139700	.133092	.853673	1.000000	.485847	2.628112
13	.152400	.141522	.865225	1.000000	.504950	2.715269
14	.165100	.150300	.876134	1.000000	.524474	2.802433
15	.177800	.159635	.886741	1.000000	.545340	2.892231
16	.190500	.169389	.896868	1.000000	.567136	2.983146
17	.203200	.178376	.905443	1.000000	.587216	3.064519
18	.215900	.188060	.913967	1.000000	.608649	3.149836
19	.228600	.197604	.921726	1.000000	.630169	3.231713
20	.241300	.205616	.927798	1.000000	.648054	3.298866
21	.254000	.217599	.936212	1.000000	.674825	3.396819
22	.266700	.238251	.949098	1.000000	.720937	3.559279
23	.279400	.278071	.969494	1.000000	.810105	3.854059
24	.292100	.315482	.984632	1.000000	.893657	4.111137
25	.304800	.331158	.990107	1.000000	.928663	4.214183
26	.317500	.341329	.993429	1.000000	.951376	4.279719
27	.330200	.347669	.995415	1.000000	.965533	4.320064
28	.342900	.352615	.996922	1.000000	.976578	4.351281
29	.355600	.355611	.997817	1.000000	.983268	4.370078
30	.368300	.358816	.998760	1.000000	.990424	4.390098
31	.381000	.360697	.999307	1.000000	.994624	4.401606
32	.393700	.361891	.999649	1.000000	.997269	4.409162
33	.406400	.363135	1.000042	1.000000	1.000320	4.417658
34	.419100	.364459	1.000420	1.000000	1.003285	4.425652
35	.431800	.365643	1.000759	1.000000	1.005931	4.433171
36	.444500	.367176	1.001187	1.000000	1.009355	4.442624
37	.457200	.368779	1.001635	1.000000	1.012934	4.452486
38	.469900	.370032	1.001983	1.000000	1.015735	4.460188
39	.482600	.371286	1.002230	1.000000	1.018536	4.467878
40	.495300	.372331	1.002517	1.000000	1.020870	4.474275
41	.508000	.373157	1.002845	1.000000	1.022738	4.479367
42	.520700	.374073	1.003092	1.000000	1.024761	4.484917
43	.533400	.375118	1.003375	1.000000	1.027095	4.491291

ID NO. 12410-021

STATION X= 7.06 CM PTO= 25.101 N/SQ CM TTO=304.56K

R= 2.581 CM PWALL= .3699 N/SQ CM CF= .00113 PI =1.090

UE= 694.6 M/SEC RHOE=.00623 KG/CUB M RE= 32.425E6 /M

DELTA= .341 CM DELTA*= .1447 CM THETA= .0138 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.014737	.000000	1.000000	.210893	.000000
2	.012700	.035069	.527881	1.000000	.270338	1.187166
3	.025400	.059035	.667293	1.000000	.325137	1.645761
4	.038100	.072760	.718716	1.000000	.356006	1.854847
5	.050800	.081259	.744688	1.000000	.374992	1.972455
6	.063500	.088574	.764377	1.000000	.391306	2.063180
7	.076200	.094496	.778957	1.000000	.404637	2.143227
8	.088900	.101672	.794908	1.000000	.420624	2.229905
9	.101600	.108151	.808052	1.000000	.435051	2.305322
10	.114300	.115605	.821896	1.000000	.451641	2.389107
11	.127000	.123199	.834774	1.000000	.468533	2.471502
12	.139700	.131977	.848327	1.000000	.488051	2.563413
13	.152400	.143403	.864143	1.000000	.513447	2.678278
14	.165100	.158033	.881986	1.000000	.546136	2.819255
15	.177800	.179351	.903859	1.000000	.593511	3.011877
16	.190500	.205964	.926349	1.000000	.652631	3.236210
17	.203200	.230697	.943154	1.000000	.707557	3.431514
18	.215900	.250482	.954846	1.000000	.751720	3.580828
19	.228600	.268108	.964018	1.000000	.790872	3.708177
20	.241300	.284341	.971630	1.000000	.826926	3.821699
21	.254000	.302106	.979174	1.000000	.866382	3.942156
22	.266700	.317781	.985240	1.000000	.901194	4.045514
23	.279400	.331297	.990079	1.000000	.931209	4.132528
24	.292100	.342792	.993939	1.000000	.956735	4.205115
25	.304800	.350316	.996348	1.000000	.973443	4.251955
26	.317500	.356795	.998352	1.000000	.987931	4.291879
27	.330200	.359791	.999258	1.000000	.994483	4.310213
28	.342900	.362717	1.000131	1.000000	1.000980	4.328046
29	.355600	.365295	1.000889	1.000000	1.006704	4.343695
30	.368300	.366897	1.001356	1.000000	1.010262	4.353394
31	.381000	.368082	1.001699	1.000000	1.012892	4.360549
32	.393700	.369266	1.002040	1.000000	1.015522	4.367693
33	.406400	.370361	1.002360	1.000000	1.017997	4.374405
34	.419100	.371217	1.002598	1.000000	1.019852	4.379433
35	.431800	.372471	1.002954	1.000000	1.022638	4.386964
36	.444500	.373655	1.003288	1.000000	1.025267	4.394064
37	.457200	.374561	1.003542	1.000000	1.027278	4.399486
38	.469900	.374979	1.003659	1.000000	1.028207	4.401986
39	.482600	.375675	1.003854	1.000000	1.029753	4.406150
40	.495300	.376511	1.004086	1.000000	1.031610	4.411142
41	.508000	.377347	1.004351	1.000000	1.033734	4.416843
42	.520700	.377696	1.004443	1.000000	1.034508	4.418924
43	.533400	.378183	1.004582	1.000000	1.035591	4.421829

STATION X= 7.34 CM PTO= 25.101 N/SQ CM TTO=304.56K
R= 2.581 CM PWALL= .5359 N/SQ CM CF= .00136 PI =1.192
UE= 662.3 M/SEC RHOE=.00674 KG/CUB M RE= 24.23956 /M
DELTA= .293 CM DELTA*= .1179 CM THETA= .0154 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.021350	.000000	1.000000	.282625	.000000
2	.012700	.046564	.526800	1.000000	.352877	1.114835
3	.025400	.068510	.639953	1.000000	.400201	1.442249
4	.038100	.081816	.688123	1.000000	.428016	1.603795
5	.050800	.093660	.723759	1.000000	.452765	1.734934
6	.063500	.104389	.751359	1.000000	.474990	1.844773
7	.076200	.116859	.779249	1.000000	.500762	1.964468
8	.088900	.129469	.803792	1.000000	.526777	2.078309
9	.101600	.140825	.823491	1.000000	.550367	2.176396
10	.114300	.153923	.843561	1.000000	.577352	2.283442
11	.127000	.167995	.862672	1.000000	.606325	2.393049
12	.139700	.183113	.880858	1.000000	.637431	2.505392
13	.152400	.197047	.895824	1.000000	.666087	2.604601
14	.165100	.213837	.912044	1.000000	.700832	2.720042
15	.177800	.230906	.926625	1.000000	.735932	2.831887
16	.190500	.247556	.939377	1.000000	.770163	2.936666
17	.203200	.264346	.950982	1.000000	.804673	3.039033
18	.215900	.280648	.961217	1.000000	.838176	3.135032
19	.228600	.299041	.971796	1.000000	.875968	3.239910
20	.241300	.315552	.980293	1.000000	.909891	3.331240
21	.254000	.330670	.987560	1.000000	.940948	3.412711
22	.266700	.344116	.993649	1.000000	.968857	3.484299
23	.279400	.352337	.997149	1.000000	.985751	3.526928
24	.292100	.358885	.999844	1.000000	.999209	3.560520
25	.304800	.363065	1.001523	1.000000	1.007799	3.581797
26	.317500	.366131	1.002735	1.000000	1.014098	3.597319
27	.330200	.368500	1.003669	1.000000	1.018965	3.609268
28	.342900	.369684	1.004118	1.000000	1.021399	3.615229
29	.355600	.370450	1.004414	1.000000	1.022973	3.619079
30	.368300	.371356	1.004762	1.000000	1.024835	3.623625
31	.381000	.372610	1.005242	1.000000	1.027411	3.629909
32	.393700	.373376	1.005534	1.000000	1.028986	3.633745
33	.406400	.373794	1.005692	1.000000	1.029645	3.635835
34	.419100	.374143	1.005825	1.000000	1.030561	3.637576
35	.431800	.374352	1.005904	1.000000	1.030990	3.638620
36	.444500	.374352	1.005904	1.000000	1.030990	3.638620
37	.457200	.374352	1.005904	1.000000	1.030990	3.638620
38	.469900	.376093	1.006561	1.000000	1.034569	3.647310
39	.482600	.376581	1.006744	1.000000	1.035571	3.649740
40	.495300	.377247	1.007030	1.000000	1.037146	3.653554
41	.508000	.378183	1.007342	1.000000	1.038864	3.657711
42	.520700	.379099	1.007679	1.000000	1.040725	3.662209
43	.533400	.380622	1.008245	1.000000	1.043874	3.669608

ID NO. 12410-023

STATION X= 7.59 CM PTO= 25.101 N/SQ CM TTO=304.56K

R= 2.581 CM PWALL= .7122 N/SQ CM CF= .00174 PI = .886

UE= 631.9 M/SEC RHOE=.00729 KG/CUB M RE= 20.238E6 /M

DELTA= .285 CM DELTA*= .0953 CM THETA= .0159 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.028372	.000000	1.000000	.346985	.000000
2	.012700	.081468	.637888	1.000000	.472547	1.345111
3	.025400	.090594	.669311	1.000000	.490464	1.437879
4	.038100	.101532	.701992	1.000000	.511627	1.540280
5	.050800	.113655	.733537	1.000000	.534953	1.645775
6	.063500	.131072	.772478	1.000000	.568519	1.786690
7	.076200	.149673	.807293	1.000000	.604067	1.924707
8	.088900	.169389	.838604	1.000000	.641659	2.060628
9	.101600	.183392	.858234	1.000000	.668549	2.152598
10	.114300	.188965	.865440	1.000000	.679163	2.187835
11	.127000	.195932	.874055	1.000000	.692426	2.231085
12	.139700	.212095	.892528	1.000000	.723180	2.328282
13	.152400	.225820	.906752	1.000000	.749280	2.407694
14	.165100	.244909	.924637	1.000000	.785564	2.513928
15	.177800	.264416	.940972	1.000000	.822625	2.617992
16	.190500	.283783	.955654	1.000000	.859688	2.718078
17	.203200	.302942	.968701	1.000000	.896086	2.812907
18	.215900	.317781	.977990	1.000000	.924272	2.884199
19	.228600	.330809	.985623	1.000000	.949015	2.945358
20	.241300	.340284	.990894	1.000000	.967007	2.989048
21	.254000	.347181	.994592	1.000000	.980104	3.020451
22	.266700	.352267	.997248	1.000000	.989760	3.043399
23	.279400	.356238	.999281	1.000000	.997300	3.061196
24	.292100	.359582	1.000966	1.000000	1.003649	3.076103
25	.304800	.362717	1.002523	1.000000	1.009602	3.090013
26	.317500	.366131	1.004196	1.000000	1.016083	3.105089
27	.330200	.368291	1.005242	1.000000	1.020183	3.114588
28	.342900	.370172	1.006146	1.000000	1.023754	3.122838
29	.355600	.371635	1.006843	1.000000	1.026532	3.129240
30	.368300	.372819	1.007405	1.000000	1.028780	3.134412
31	.381000	.373725	1.007833	1.000000	1.030499	3.138362
32	.393700	.374770	1.008324	1.000000	1.032483	3.142913
33	.406400	.376093	1.008943	1.000000	1.034996	3.148669
34	.419100	.377208	1.009462	1.000000	1.037112	3.153507
35	.431800	.377695	1.009689	1.000000	1.038038	3.155622
36	.444500	.378183	1.009915	1.000000	1.038964	3.157735
37	.457200	.378671	1.010140	1.000000	1.039890	3.159846
38	.469900	.379437	1.010493	1.000000	1.041345	3.163162
39	.482600	.380622	1.011037	1.000000	1.043593	3.168279
40	.495300	.381458	1.011419	1.000000	1.045180	3.171886
41	.508000	.382572	1.011927	1.000000	1.047296	3.176689
42	.520700	.383060	1.012148	1.000000	1.048222	3.178788
43	.533400	.383478	1.012338	1.000000	1.049015	3.180586

ID NO. 12410-024

STATION X= 7.82 CM PTO= 25.101 N/SQ CM TTO=304.56K
R= 2.581 CM PWALL= .7653 N/SQ CM CF= .00201 PT = .550
UE= 524.5 M/SEC RHOE=.00751 KG/CU M RE= 19.720E6 /M
DELTA= .305 CM DELTA*= .0792 CM THETA= .0138 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.030490	.000000	1.000000	.362216	.000000
2	.012700	.082165	.525960	1.000000	.482891	1.290652
3	.025400	.102717	.592907	1.000000	.522086	1.485537
4	.038100	.117574	.732513	1.000000	.550664	1.612659
5	.050800	.129469	.758642	1.000000	.572234	1.702866
6	.063500	.143890	.787391	1.000000	.599117	1.808355
7	.076200	.164233	.822295	1.000000	.636864	1.947105
8	.088900	.190429	.859967	1.000000	.685586	2.112762
9	.101600	.218365	.893085	1.000000	.737256	2.275305
10	.114300	.251129	.925209	1.000000	.797745	2.451937
11	.127000	.270059	.941232	1.000000	.832727	2.548507
12	.139700	.276399	.946239	1.000000	.844428	2.580000
13	.152400	.282736	.951383	1.000000	.856127	2.611109
14	.165100	.297508	.961731	1.000000	.883377	2.682172
15	.177800	.301967	.964966	1.000000	.891890	2.703990
16	.190500	.308167	.969137	1.000000	.903334	2.733046
17	.203200	.318896	.976769	1.000000	.923135	2.782600
18	.215900	.331645	.983870	1.000000	.946660	2.840354
19	.228600	.341468	.989581	1.000000	.964785	2.884059
20	.241300	.348017	.993253	1.000000	.976866	2.912829
21	.254000	.351919	.995391	1.000000	.984064	2.929833
22	.266700	.354845	.996971	1.000000	.989462	2.942522
23	.279400	.356935	.998088	1.000000	.993317	2.951552
24	.292100	.358885	.999121	1.000000	.996916	2.959954
25	.304800	.360557	1.000000	1.000000	1.000000	2.967137
26	.317500	.362369	1.000945	1.000000	1.003341	2.974900
27	.330200	.364389	1.001991	1.000000	1.007068	2.983533
28	.342900	.366967	1.003313	1.000000	1.011823	2.994513
29	.355600	.368987	1.004339	1.000000	1.015550	3.003090
30	.368300	.371426	1.005565	1.000000	1.020047	3.013409
31	.381000	.373864	1.006780	1.000000	1.024545	3.023693
32	.393700	.375675	1.007674	1.000000	1.027886	3.031309
33	.406400	.377347	1.008494	1.000000	1.030970	3.038323
34	.419100	.378532	1.009071	1.000000	1.033154	3.043281
35	.431800	.379577	1.009578	1.000000	1.035091	3.047649
36	.444500	.380343	1.009949	1.000000	1.036495	3.050849
37	.457200	.380970	1.010251	1.000000	1.037651	3.053464
38	.469900	.381458	1.010485	1.000000	1.038551	3.055496
39	.482600	.382015	1.010753	1.000000	1.039579	3.057817
40	.495300	.381806	1.010653	1.000000	1.039193	3.056947
41	.508000	.382015	1.010753	1.000000	1.039579	3.057817
42	.520700	.382433	1.010954	1.000000	1.040350	3.059557
43	.533400	.382990	1.011220	1.000000	1.041378	3.061875

STATION X= 8.10 CM PTJ= 25.101 N/SQ CM TT0=304.56K
R= 2.581 CM PWALL= .7979 N/SQ CM CF= .00241 PY = .157
UE= 619.4 M/SEC RHOE=.00761 KG/CUB M RE= 19.294E6 /M
DELTA= .305 CM DELTA*= .0543 CM THETA= .0094 CM

I	Y(CM)	PT/PT0	U/UE	TT/TT0	RHO/RHOE	M
1	.000000	.031788	.000000	1.000000	.372423	.000000
2	.012700	.084673	.627455	1.000000	.494636	1.280932
3	.025400	.111425	.710085	1.000000	.544826	1.521387
4	.038100	.142079	.778945	1.000000	.601444	1.753499
5	.050800	.178375	.839582	1.000000	.657876	1.991643
6	.063500	.207218	.877542	1.000000	.720751	2.162525
7	.076200	.234180	.907002	1.000000	.769912	2.310093
8	.088900	.268248	.938160	1.000000	.831965	2.483876
9	.101600	.300782	.963089	1.000000	.891183	2.639066
10	.114300	.296861	.960309	1.000000	.884084	2.620946
11	.127000	.299668	.962300	1.000000	.889154	2.633902
12	.139700	.304684	.965817	1.000000	.898291	2.657061
13	.152400	.312696	.971370	1.000000	.913152	2.694367
14	.165100	.335338	.985709	1.000000	.954363	2.795156
15	.177800	.362787	1.001272	1.000000	1.004310	2.912639
16	.190500	.384872	1.012559	1.000000	1.044497	3.003809
17	.203200	.393928	1.016906	1.000000	1.060961	3.040402
18	.215900	.379437	1.009875	1.000000	1.034601	2.981636
19	.228600	.360975	1.000301	1.000000	1.001714	2.905034
20	.241300	.348575	.993444	1.000000	.978450	2.852419
21	.254000	.347532	.992849	1.000000	.976549	2.847940
22	.266700	.351013	.994621	1.000000	.982887	2.862841
23	.279400	.355193	.997148	1.000000	.990493	2.880620
24	.292100	.358323	.998867	1.000000	.996197	2.893882
25	.304800	.360418	1.000000	1.000000	1.000000	2.902690
26	.317500	.361811	1.000750	1.000000	1.002535	2.906546
27	.330200	.363065	1.001421	1.000000	1.004817	2.913807
28	.342900	.364041	1.001941	1.000000	1.006591	2.917893
29	.355600	.365365	1.002643	1.000000	1.008999	2.923428
30	.368300	.366683	1.003341	1.000000	1.011408	2.928952
31	.381000	.368569	1.004327	1.000000	1.014930	2.936735
32	.393700	.371006	1.005593	1.000000	1.019266	2.946908
33	.406400	.373376	1.006811	1.000000	1.023575	2.956707
34	.419100	.375257	1.007770	1.000000	1.026997	2.964466
35	.431800	.377278	1.008792	1.000000	1.030673	2.972777
36	.444500	.378332	1.009422	1.000000	1.032954	2.977924
37	.457200	.379368	1.009846	1.000000	1.034475	2.981351
38	.469900	.380273	1.010291	1.000000	1.036122	2.985058
39	.482600	.380691	1.010499	1.000000	1.036983	2.986767
40	.495300	.381458	1.010879	1.000000	1.038277	2.989899
41	.508000	.382615	1.011155	1.000000	1.039291	2.992174
42	.520700	.382903	1.011396	1.000000	1.040178	2.994164
43	.533400	.383130	1.011705	1.000000	1.041318	2.996720

STATION X= 8.33 CM PTO= 25.101 N/SQ CM TTO=304.56K
R= 2.581 CM PWALL= .3617 N/SQ CM CF= .00254 PT =-.133
UE= 612.0 M/SEC RHOE=.00791 KG/CUB M RE= 19.03E6 /M
DELTA= .395 CM DELTA*= .0379 CM THETA= .0360 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.034329	.000000	1.000000	.387359	.000000
2	.012700	.083349	.605527	1.000000	.499592	1.203560
3	.025400	.119298	.716149	1.000000	.554933	1.513541
4	.038100	.149742	.781591	1.000000	.619035	1.729290
5	.050800	.182068	.834892	1.000000	.676064	1.930434
6	.063500	.217669	.881242	1.000000	.738910	2.130208
7	.076200	.246511	.911863	1.000000	.789574	2.278541
8	.088900	.273542	.936417	1.000000	.837309	2.409157
9	.101600	.306426	.962062	1.000000	.894671	2.558972
10	.114300	.331715	.979245	1.000000	.939994	2.668413
11	.127000	.360766	.996873	1.000000	.990222	2.789570
12	.139700	.393162	1.014091	1.000000	1.046395	2.917965
13	.152400	.425627	1.029319	1.000000	1.103876	3.041172
14	.165100	.454957	1.041620	1.000000	1.155253	3.148318
15	.177800	.461436	1.044172	1.000000	1.166402	3.171497
16	.190500	.422283	1.027834	1.000000	1.098017	3.028714
17	.203200	.385638	1.010286	1.000000	1.033911	2.888656
18	.215900	.377905	1.006258	1.000000	1.020259	2.858218
19	.228600	.386195	1.010572	1.000000	1.034787	2.890838
20	.241300	.396576	1.015781	1.000000	1.052977	2.931166
21	.254000	.391769	1.013395	1.000000	1.044554	2.912560
22	.266700	.369196	1.001571	1.000000	1.004997	2.823546
23	.279400	.354009	.992988	1.000000	.978377	2.762028
24	.292100	.351710	.991642	1.000000	.974347	2.752596
25	.304800	.354287	.993151	1.000000	.978865	2.763170
26	.317500	.357980	.995285	1.000000	.985338	2.778246
27	.330200	.360139	.996518	1.000000	.989123	2.787026
28	.342900	.361881	.997504	1.000000	.992176	2.794086
29	.355600	.363205	.998249	1.000000	.994496	2.799440
30	.368300	.364250	.998834	1.000000	.996328	2.803660
31	.381000	.365504	.999533	1.000000	.998526	2.808715
32	.393700	.366201	.999920	1.000000	.999747	2.811519
33	.406400	.368430	1.001150	1.000000	1.003654	2.820474
34	.419100	.370172	1.002104	1.000000	1.006706	2.827456
35	.431800	.372471	1.003352	1.000000	1.010736	2.836633
36	.444500	.374352	1.004365	1.000000	1.014032	2.844123
37	.457200	.375397	1.004925	1.000000	1.015864	2.848276
38	.469900	.376790	1.005667	1.000000	1.018306	2.853804
39	.482600	.378044	1.006332	1.000000	1.020503	2.858770
40	.495300	.378741	1.006699	1.000000	1.021724	2.861525
41	.508000	.379298	1.006993	1.000000	1.022701	2.863727
42	.520700	.380482	1.007614	1.000000	1.024776	2.868400
43	.533400	.381318	1.008051	1.000000	1.026241	2.871695

ID NO. 12410-027

STATION X= 8.61 CM PTO= 25.101 N/SQ CM TTO=304.56K
R= 2.581 CM PWALL= .9899 N/SQ CM CF= .00298 PT' =-.178
UE= 590.9 M/SEC RHOE=.00820 KG/CUB M RE= 17.278E6 /M
DELTA= .327 CM DELTA*= .0050 CM THETA=-.0021 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.039439	.000000	1.000000	.428885	.000000
2	.012700	.098815	.637815	1.000000	.558697	1.230142
3	.025400	.133789	.734359	1.000000	.619769	1.491763
4	.038100	.165766	.798719	1.000000	.674712	1.692894
5	.050800	.197674	.849040	1.000000	.729923	1.870577
6	.063500	.230697	.891277	1.000000	.785042	2.037678
7	.076200	.263719	.926433	1.000000	.841241	2.192557
8	.088900	.292492	.952428	1.000000	.889931	2.318391
9	.101600	.323633	.975851	1.000000	.942586	2.447203
10	.114300	.359373	1.001114	1.000000	1.002976	2.587053
11	.127000	.397590	1.023640	1.000000	1.068037	2.729711
12	.139700	.431897	1.041118	1.000000	1.125820	2.850433
13	.152400	.457396	1.052653	1.000000	1.168982	2.937175
14	.165100	.477181	1.061298	1.000000	1.202292	3.002747
15	.177800	.487144	1.065350	1.000000	1.219112	3.035224
16	.190500	.489931	1.066461	1.000000	1.223817	3.044247
17	.203200	.486587	1.065127	1.000000	1.218171	3.033417
18	.215900	.479132	1.062101	1.000000	1.205585	3.009134
19	.228600	.472932	1.059529	1.000000	1.195116	2.988784
20	.241300	.472165	1.059208	1.000000	1.193822	2.986260
21	.254000	.465268	1.056279	1.000000	1.182176	2.963440
22	.266700	.408837	1.029573	1.000000	1.086868	2.769633
23	.279400	.389191	1.018948	1.000000	1.053676	2.698871
24	.292100	.390375	1.019611	1.000000	1.055677	2.703190
25	.304800	.386195	1.017259	1.000000	1.048614	2.687917
26	.317500	.367106	1.005910	1.000000	1.016039	2.616319
27	.330200	.355611	.998726	1.000000	.996521	2.572693
28	.342900	.354566	.998057	1.000000	.994856	2.568690
29	.355600	.356935	.999570	1.000000	.998857	2.577755
30	.368300	.358955	1.000850	1.000000	1.002270	2.585461
31	.381000	.360279	1.001683	1.000000	1.004505	2.590498
32	.393700	.362229	1.002902	1.000000	1.007801	2.597902
33	.406400	.363762	1.003854	1.000000	1.010390	2.603704
34	.419100	.365783	1.005099	1.000000	1.013803	2.611333
35	.431800	.368092	1.006504	1.000000	1.017686	2.619987
36	.444500	.370172	1.007771	1.000000	1.021217	2.627830
37	.457200	.371983	1.008860	1.000000	1.024276	2.634607
38	.469900	.373655	1.009858	1.000000	1.027100	2.640848
39	.482600	.375466	1.010933	1.000000	1.030159	2.647592
40	.495300	.377347	1.012041	1.000000	1.033336	2.654577
41	.508000	.379089	1.013059	1.000000	1.036277	2.661028
42	.520700	.380831	1.014071	1.000000	1.039219	2.667463
43	.533400	.382065	1.014795	1.000000	1.041337	2.672087

ID NO. 12410-028

STATION X= 8.84 CM PT0= 25.161 N/SQ CM TT0=304.56K
R= 2.561 CM PWALL= 1.0256 N/SQ CM CF= .00287 PT =-.185
UE= 596.8 M/SEC RHOE=.00873 KG/CUB M RE= 19.056E6 /M
DELTA= .340 CM DELTA*= .0058 CM THETA=-.0017 CM

I	Y(CM)	PT/PT0	U/UE	TT/TT0	RHO/RHOE	M
1	.000000	.040360	.000000	1.000000	.417517	.000009
2	.012700	.114003	.666342	1.000000	.563169	1.320705
3	.025400	.145493	.741783	1.000000	.614453	1.535717
4	.038100	.178376	.801805	1.000000	.667464	1.730105
5	.050800	.209796	.847367	1.000000	.717680	1.895949
6	.063500	.242749	.886636	1.000000	.770189	2.055104
7	.076200	.272637	.916807	1.000000	.818014	2.190019
8	.088900	.305729	.943247	1.000000	.870632	2.329444
9	.101600	.339796	.970400	1.000000	.924754	2.464640
10	.114300	.376651	.993881	1.000000	.983265	2.602912
11	.127000	.415804	1.015554	1.000000	1.045737	2.742863
12	.139700	.448439	1.031344	1.000000	1.097488	2.853602
13	.152400	.471747	1.041629	1.000000	1.134524	2.930285
14	.165100	.488607	1.048592	1.000000	1.161275	2.984448
15	.177800	.497594	1.052156	1.000000	1.175534	3.012919
16	.190500	.500450	1.053268	1.000000	1.180065	3.021912
17	.203200	.501356	1.053619	1.000000	1.181502	3.024758
18	.215900	.501356	1.053619	1.000000	1.181502	3.024758
19	.228600	.501565	1.053700	1.000000	1.181834	3.025414
20	.241300	.501286	1.053592	1.000000	1.181392	3.024539
21	.254000	.500172	1.053160	1.000000	1.179623	3.021036
22	.266700	.495992	1.051528	1.000000	1.172992	3.007863
23	.279400	.485263	1.047241	1.000000	1.155969	2.973783
24	.292100	.473280	1.042278	1.000000	1.136956	2.935251
25	.304800	.463248	1.037974	1.000000	1.121037	2.902595
26	.317500	.415177	1.015232	1.000000	1.044742	2.740689
27	.330200	.394277	1.003975	1.000000	1.011238	2.666485
28	.342900	.384802	.998633	1.000000	.996202	2.632504
29	.355600	.367106	.988126	1.000000	.968115	2.567824
30	.368300	.358467	.982727	1.000000	.954400	2.535643
31	.381000	.357980	.982417	1.000000	.953626	2.533814
32	.393700	.360348	.983919	1.000000	.957387	2.542685
33	.406400	.362578	.985319	1.000000	.960926	2.551006
34	.419100	.364807	.985707	1.000000	.964465	2.559300
35	.431800	.365713	.987267	1.000000	.965903	2.562661
36	.444500	.365131	.987525	1.000000	.966566	2.564211
37	.457200	.366758	.987911	1.000000	.967562	2.566534
38	.469900	.368291	.988852	1.000000	.969995	2.572204
39	.482600	.370172	.989997	1.000000	.972981	2.579146
40	.495300	.371913	.991051	1.000000	.975745	2.585556
41	.508000	.373516	.992014	1.000000	.978289	2.591440
42	.520700	.375397	.993137	1.000000	.981274	2.598329
43	.533400	.377347	.994293	1.000000	.984371	2.605455

STATION X= 9.19 CM PT0= 25.101 N/SQ CM TT0=314.56K
R= 2.581 CM PWALL= 1.1544 N/SQ CM CF= [illegible] [illegible]=-.186
UE= 602.6 M/SEC RHOE=.00923 KG/CUB M RE= 20.39656 /M
DELTA= .379 CM DELTA*= .0051 CM THETA=-.0012 CM

I	Y(CM)	PT/PT0	U/UE	TT/TT0	RHO/RHOE	M
1	.000000	.042037	.000000	1.000000	.436064	.000000
2	.012700	.111634	.644243	1.000000	.539913	1.278989
3	.025400	.153296	.741872	1.000000	.593263	1.558260
4	.038100	.185134	.796726	1.000000	.651303	1.739500
5	.050800	.214185	.837252	1.000000	.695724	1.888565
6	.063500	.244282	.872446	1.000000	.741103	2.031117
7	.076200	.275817	.904735	1.000000	.790342	2.175256
8	.088900	.312347	.934575	1.000000	.843791	2.321608
9	.101600	.351431	.952374	1.000000	.902528	2.472472
10	.114300	.384592	.982862	1.000000	.952643	2.594275
11	.127000	.422263	1.003126	1.000000	1.050244	2.725279
12	.139700	.454539	1.018471	1.000000	1.057690	2.832587
13	.152400	.480665	1.029756	1.000000	1.096701	2.916588
14	.165100	.496350	1.036866	1.000000	1.123462	2.972129
15	.177800	.508532	1.040813	1.000000	1.138729	3.003587
16	.190500	.512782	1.042418	1.000000	1.145107	3.016632
17	.203200	.514454	1.043044	1.000000	1.147617	3.021750
18	.215900	.514941	1.043226	1.000000	1.148348	3.023240
19	.228600	.515150	1.043304	1.000000	1.148662	3.023879
20	.241300	.514454	1.043044	1.000000	1.147617	3.021750
21	.254000	.512712	1.042392	1.000000	1.145003	3.016419
22	.266700	.510831	1.041684	1.000000	1.142179	3.010651
23	.279400	.508880	1.040945	1.000000	1.139252	3.004658
24	.292100	.507487	1.040415	1.000000	1.137160	3.000370
25	.304800	.506581	1.040069	1.000000	1.135801	2.997580
26	.317500	.506999	1.040229	1.000000	1.136429	2.998868
27	.330200	.506512	1.040043	1.000000	1.135697	2.997365
28	.342900	.504004	1.039080	1.000000	1.131932	2.989623
29	.355600	.493344	1.034905	1.000000	1.115933	2.956492
30	.368300	.469448	1.025027	1.000000	1.080063	2.880826
31	.381000	.406260	.994732	1.000000	.984863	2.669633
32	.393700	.370659	.974501	1.000000	.931410	2.543375
33	.406400	.358537	.966953	1.000000	.913203	2.498912
34	.419100	.356377	.965582	1.000000	.909959	2.490907
35	.431800	.357840	.966519	1.000000	.912157	2.496333
36	.444500	.359234	.967406	1.000000	.914250	2.501489
37	.457200	.360906	.968465	1.000000	.916761	2.507653
38	.469900	.362229	.969298	1.000000	.918740	2.512540
39	.482600	.363205	.969908	1.000000	.920214	2.516127
40	.495300	.364319	.970604	1.000000	.921889	2.520220
41	.508000	.365643	.971426	1.000000	.923877	2.525072
42	.520700	.366688	.972071	1.000000	.925446	2.528896
43	.533400	.368221	.973014	1.000000	.927748	2.534494

STATION X= 9.35 CM PTO= 25.101 N/SQ CM TTO=304.56K
R= 2.581 CM PWALL= 1.0884 N/SQ CM CF= .00251 PT =-.177
UE= 611.9 M/SEC RHOE=.00998 KG/CUB M RE= 24.017E6 /M
DELTA= .427 CM DELTA*= .0254 CM THETA= .0031 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.043360	.000000	1.000000	.337565	.000000
2	.012700	.129817	.671441	1.000000	.535389	1.380975
3	.025400	.167090	.746348	1.000000	.588242	1.609023
4	.038100	.196141	.791846	1.000000	.629173	1.765505
5	.050800	.224078	.828118	1.000000	.668210	1.902794
6	.063500	.252851	.859838	1.000000	.708320	2.034227
7	.076200	.282460	.888153	1.000000	.749784	2.161717
8	.088900	.316876	.916229	1.000000	.797662	2.300151
9	.101600	.352615	.941267	1.000000	.847336	2.435475
10	.114300	.393510	.965869	1.000000	.904135	2.581533
11	.127000	.432365	.986174	1.000000	.958411	2.713766
12	.139700	.465129	1.001221	1.000000	1.003877	2.819766
13	.152400	.493832	1.013168	1.000000	1.043722	2.909490
14	.165100	.509995	1.019445	1.000000	1.066156	2.958809
15	.177800	.519539	1.023611	1.000000	1.079403	2.987549
16	.190500	.525601	1.025224	1.000000	1.087814	3.005656
17	.203200	.527273	1.025829	1.000000	1.090135	3.010632
18	.215900	.528666	1.026329	1.000000	1.092069	3.014772
19	.228600	.528527	1.026279	1.000000	1.091975	3.014359
20	.241300	.527691	1.025979	1.000000	1.090715	3.011875
21	.254000	.527133	1.025778	1.000000	1.089942	3.010219
22	.266700	.527203	1.025803	1.000000	1.090038	3.010425
23	.279400	.526576	1.025577	1.000000	1.089168	3.008560
24	.292100	.524974	1.024997	1.000000	1.086944	3.003788
25	.304800	.523162	1.024339	1.000000	1.084430	2.998385
26	.317500	.520445	1.023344	1.000000	1.080660	2.990262
27	.330200	.517937	1.022419	1.000000	1.077179	2.982744
28	.342900	.514732	1.021227	1.000000	1.072731	2.973109
29	.355600	.512155	1.020261	1.000000	1.069154	2.965337
30	.368300	.509647	1.019313	1.000000	1.065673	2.957755
31	.381000	.507417	1.018464	1.000000	1.062578	2.950999
32	.393700	.506153	1.017984	1.000000	1.060838	2.947192
33	.406400	.505158	1.017610	1.000000	1.058484	2.944228
34	.419100	.502192	1.016453	1.000000	1.055326	2.935104
35	.431800	.435520	.957687	1.000000	.962765	2.724095
36	.444500	.362508	.947578	1.000000	.861080	2.471603
37	.457200	.358955	.945340	1.000000	.856144	2.458693
38	.469900	.361533	.945967	1.000000	.859725	2.468073
39	.482600	.364319	.948707	1.000000	.863596	2.478166
40	.495300	.366340	.949956	1.000000	.866402	2.485461
41	.508000	.368221	.951113	1.000000	.869015	2.492232
42	.520700	.369963	.952175	1.000000	.871434	2.498486
43	.533400	.372471	.953692	1.000000	.874919	2.507464

STATION X= 9.86 CM PTO= 25.101 N/SQ CM TTO=304.56K
R= 2.581 CM PWALL= 1.1323 N/SQ CM CF= .00195 PI = .391
UE= 627.8 M/SEC RHOE=.01132 KG/CUB M RE= 30.478E6 /M
DELTA= .305 CM DELTA*= .0673 CM THETA= .0114 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.045109	.000000	1.000000	.355346	.000000
2	.012700	.129539	.642043	1.000000	.483950	1.345202
3	.025400	.173569	.727038	1.000000	.539019	1.607614
4	.038100	.204710	.772675	1.000000	.577681	1.768738
5	.050800	.230438	.804197	1.000000	.609428	1.890805
6	.063500	.255080	.830344	1.000000	.639652	2.000105
7	.076200	.283992	.857338	1.000000	.675356	2.121980
8	.088900	.313601	.881294	1.000000	.711673	2.239153
9	.101600	.349411	.906456	1.000000	.755553	2.373024
10	.114300	.385986	.928702	1.000000	.800339	2.502283
11	.127000	.419009	.946358	1.000000	.840753	2.613441
12	.139700	.454121	.963154	1.000000	.883996	2.727367
13	.152400	.483243	.975617	1.000000	.919632	2.817793
14	.165100	.508184	.985433	1.000000	.950147	2.892979
15	.177800	.523162	.990987	1.000000	.968470	2.937202
16	.190500	.532498	.994328	1.000000	.979890	2.964428
17	.203200	.537235	.995989	1.000000	.985684	2.978149
18	.215900	.539325	.996715	1.000000	.988241	2.984182
19	.228600	.540300	.997052	1.000000	.989434	2.986993
20	.241300	.541276	.997389	1.000000	.990627	2.989802
21	.254000	.542600	.997844	1.000000	.992246	2.993609
22	.266700	.544550	.998511	1.000000	.994632	2.999211
23	.279400	.546849	.999293	1.000000	.997444	3.005800
24	.292100	.548173	.999741	1.000000	.999063	3.009587
25	.304800	.548939	1.000000	1.000000	1.000000	3.011777
26	.317500	.549775	1.000281	1.000000	1.001023	3.014165
27	.330200	.550681	1.000586	1.000000	1.002130	3.016749
28	.342900	.551169	1.000749	1.000000	1.002727	3.018140
29	.355600	.551308	1.000796	1.000000	1.002897	3.018537
30	.368300	.551656	1.000912	1.000000	1.003323	3.019530
31	.381000	.552353	1.001145	1.000000	1.004175	3.021515
32	.393700	.551587	1.000889	1.000000	1.003238	3.019332
33	.406400	.550054	1.000375	1.000000	1.001363	3.014960
34	.419100	.549148	1.000070	1.000000	1.000256	3.012374
35	.431800	.548034	.999694	1.000000	.998892	3.009189
36	.444500	.546919	.999317	1.000000	.997529	3.005999
37	.457200	.545456	.998820	1.000000	.995739	3.001808
38	.469900	.544063	.998345	1.000000	.994035	2.997811
39	.482600	.543018	.997987	1.000000	.992757	2.994810
40	.495300	.541276	.997389	1.000000	.990627	2.989802
41	.508000	.537235	.995989	1.000000	.985684	2.978149
42	.520700	.528178	.992793	1.000000	.974606	2.951862
43	.533400	.514802	.987917	1.000000	.958243	2.912602

STATION X= 10.39 CM PTO= 25.101 N/SQ CM TTO=304.56K
R= 2.581 CM PWALL= 1.1889 N/SQ CM CF= .00251 PI =-.177
UE= 607.8 M/SEC RHOE=.01067 KG/CUB M RE= 24.986E6 /M
DELTA= .428 CM DELTA*= .0263 CM THETA= .0035 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.047363	.000000	1.000000	.395863	.000000
2	.012700	.144169	.681091	1.000000	.550001	1.395298
3	.025400	.191474	.765259	1.000000	.612597	1.654537
4	.038100	.221291	.806252	1.000000	.651856	1.798154
5	.050800	.246023	.835166	1.000000	.684159	1.908234
6	.063500	.269502	.859370	1.000000	.714767	2.006978
7	.076200	.295488	.883312	1.000000	.748849	2.111501
8	.088900	.325584	.907598	1.000000	.788020	2.225577
9	.101600	.357771	.930414	1.000000	.829874	2.341330
10	.114300	.390724	.951006	1.000000	.872694	2.454114
11	.127000	.429250	.972176	1.000000	.922728	2.579658
12	.139700	.466313	.990220	1.000000	.971152	2.695601
13	.152400	.495992	1.003139	1.000000	1.009689	2.784423
14	.165100	.524834	1.014640	1.000000	1.047132	2.868090
15	.177800	.544759	1.022045	1.000000	1.072994	2.924483
16	.190500	.556951	1.026378	1.000000	1.088818	2.958455
17	.203200	.563918	1.028789	1.000000	1.097859	2.977693
18	.215900	.568586	1.030380	1.000000	1.103917	2.990513
19	.228600	.571094	1.031226	1.000000	1.107172	2.997379
20	.241300	.572278	1.031624	1.000000	1.108709	3.000615
21	.254000	.572626	1.031740	1.000000	1.109161	3.001566
22	.266700	.573114	1.031904	1.000000	1.109794	3.002898
23	.279400	.573393	1.031997	1.000000	1.110155	3.003658
24	.292100	.572417	1.031670	1.000000	1.108890	3.000996
25	.304800	.569004	1.030521	1.000000	1.104459	2.991658
26	.317500	.563361	1.028598	1.000000	1.097136	2.976159
27	.330200	.556533	1.026231	1.000000	1.088275	2.957297
28	.342900	.549288	1.023671	1.000000	1.078872	2.937147
29	.355600	.540719	1.020577	1.000000	1.067750	2.913135
30	.368300	.532010	1.017355	1.000000	1.056447	2.888527
31	.381000	.522257	1.013651	1.000000	1.043786	2.860713
32	.393700	.512015	1.009648	1.000000	1.030492	2.831212
33	.406400	.502610	1.005865	1.000000	1.018282	2.803844
34	.419100	.494459	1.002500	1.000000	1.007699	2.779906
35	.431800	.486447	.999112	1.000000	.997297	2.756173
36	.444500	.483034	.997643	1.000000	.992864	2.745998
37	.457200	.482894	.997582	1.000000	.992683	2.745581
38	.469900	.484497	.998274	1.000000	.994764	2.750363
39	.482600	.485472	.998693	1.000000	.996030	2.753269
40	.495300	.485472	.998693	1.000000	.996030	2.753269
41	.508000	.484636	.998334	1.000000	.994945	2.750778
42	.520700	.483661	.997914	1.000000	.993678	2.747869
43	.533400	.482407	.997371	1.000000	.992050	2.744125

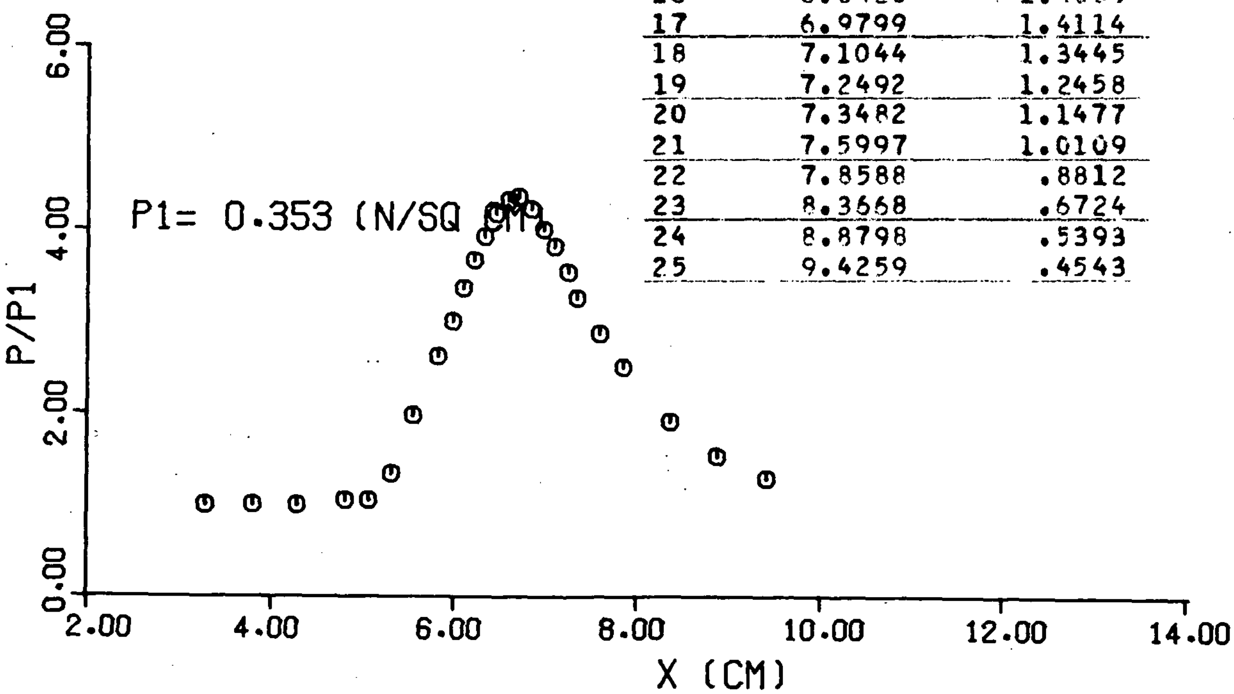
STATION X= 10.92 CM PTO= 25.101 N/SQ CM TTO=304.56K
R= 2.581 CM PWALL= 1.3185 N/SQ CM CF= .00251 PI [illegible]=-.151
UE= 597.5 M/SEC RHOE=.01126 KG/CUB M RE= 24.686E6 /M
DELTA= .447 CM DELTA*= .0443 CM THETA= .0084 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.052527	.000000	1.000000	.416146	.000000
2	.012700	.149882	.672635	1.000000	.565537	1.339753
3	.025400	.196211	.755190	1.000000	.523887	1.579878
4	.038100	.233274	.805757	1.000000	.670191	1.747099
5	.050800	.257170	.833221	1.000000	.699811	1.846143
6	.063500	.283992	.860441	1.000000	.732989	1.951121
7	.076200	.309700	.883589	1.000000	.764738	2.046545
8	.088900	.338473	.906847	1.000000	.800504	2.148969
9	.101600	.370520	.929659	1.000000	.840028	2.256757
10	.114300	.405633	.951751	1.000000	.883298	2.369144
11	.127000	.436077	.968860	1.000000	.920794	2.462388
12	.139700	.469100	.985606	1.000000	.961446	2.559647
13	.152400	.495365	.997763	1.000000	.993768	2.634414
14	.165100	.515081	1.006402	1.000000	1.018352	2.689893
15	.177800	.529850	1.012482	1.000000	1.036532	2.730193
16	.190500	.539534	1.016335	1.000000	1.048451	2.756294
17	.203200	.544968	1.018453	1.000000	1.055139	2.770833
18	.215900	.544481	1.018264	1.000000	1.054539	2.769531
19	.228600	.538489	1.015925	1.000000	1.047165	2.753490
20	.241300	.529014	1.012145	1.000000	1.035503	2.727928
21	.254000	.519330	1.008178	1.000000	1.023583	2.701551
22	.266700	.511737	1.004878	1.000000	1.013911	2.679956
23	.279400	.506651	1.002703	1.000000	1.007654	2.665893
24	.292100	.503586	1.001377	1.000000	1.003883	2.657380
25	.304800	.503098	1.001165	1.000000	1.003283	2.656024
26	.317500	.504352	1.001710	1.000000	1.004825	2.659511
27	.330200	.505885	1.002373	1.000000	1.006711	2.663767
28	.342900	.506999	1.002853	1.000000	1.008083	2.666859
29	.355600	.507278	1.002973	1.000000	1.008426	2.667631
30	.368300	.507069	1.002883	1.000000	1.008168	2.667052
31	.381000	.506512	1.002643	1.000000	1.007483	2.665507
32	.393700	.505676	1.002283	1.000000	1.006454	2.663187
33	.406400	.504561	1.001801	1.000000	1.005083	2.660092
34	.419100	.503237	1.001226	1.000000	1.003454	2.656411
35	.431800	.501914	1.000649	1.000000	1.001825	2.652726
36	.444500	.500659	1.000101	1.000000	1.000282	2.649229
37	.457200	.499475	.999581	1.000000	.998825	2.645923
38	.469900	.498012	.998936	1.000000	.997025	2.641832
39	.482600	.496828	.998412	1.000000	.995568	2.638516
40	.495300	.495574	.997855	1.000000	.994025	2.635001
41	.508000	.494529	.997390	1.000000	.992739	2.632068
42	.520700	.493135	.996767	1.000000	.991025	2.628152
43	.533400	.491394	.995985	1.000000	.988881	2.623248

ID NO. 12415-001

PTO= 25.1108 N/SQ CM
TTO= 304.2222 K
PBAR= 763.1000 MMHG
TMAN= 300.6111 K

I	X(CM)	P(N/SQ CM)
1	3.2868	.3528
2	3.8049	.3528
3	4.2875	.3511
4	4.8133	.3692
5	5.0698	.3699
6	5.3188	.4725
7	5.5575	.6950
8	5.8293	.9220
9	5.9893	1.0558
10	6.1036	1.1854
11	6.2205	1.2931
12	6.3322	1.3833
13	6.4592	1.4697
14	6.5964	1.5246
15	6.7031	1.5349
16	6.8428	1.4889
17	6.9799	1.4114
18	7.1044	1.3445
19	7.2492	1.2458
20	7.3482	1.1477
21	7.5997	1.0109
22	7.8588	.8812
23	8.3668	.6724
24	8.8798	.5393
25	9.4259	.4543



ID NO. 12415 -001

STATION X= 4.80 CM PTO= 25.110 N/SQ CM TTO=302.33K
R= 2.581 CM PWALL= .3698 N/SQ CM CF= .00160 PI = .682
UE= 663.7 M/SEC RHOE=.00483 KG/CUB M RE= 19.10856 /M
DELTA= .427 CM DELTA*= .1462 CM THETA= .0191 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.014727	.000000	1.000000	.274253	.000000
2	.012700	.034524	.545741	1.000000	.349880	1.174216
3	.025400	.055556	.679979	1.000000	.412761	1.589083
4	.038100	.066908	.728516	1.000000	.446070	1.769877
5	.050800	.074499	.755469	1.000000	.468175	1.880280
6	.063500	.080837	.775427	1.000000	.486594	1.967553
7	.076200	.086687	.792134	1.000000	.503575	2.044716
8	.088900	.091631	.805293	1.000000	.518039	2.108426
9	.101600	.097899	.820503	1.000000	.536269	2.185613
10	.114300	.103262	.832511	1.000000	.551913	2.249512
11	.127000	.109600	.845653	1.000000	.570175	2.322727
12	.139700	.116842	.859444	1.000000	.591150	2.403634
13	.152400	.122762	.869857	1.000000	.608286	2.467766
14	.165100	.130144	.881890	1.000000	.629548	2.545454
15	.177800	.137527	.892982	1.000000	.651004	2.620617
16	.190500	.145046	.903530	1.000000	.672974	2.696150
17	.203200	.153754	.914672	1.000000	.698160	2.780001
18	.215900	.157654	.919365	1.000000	.709442	2.816751
19	.228600	.166568	.929469	1.000000	.735225	2.898992
20	.241300	.175831	.939137	1.000000	.762011	2.982028
21	.254000	.183700	.946762	1.000000	.784766	3.050793
22	.266700	.191013	.953409	1.000000	.805907	3.113222
23	.279400	.196793	.958392	1.000000	.822617	3.161871
24	.292100	.206404	.966189	1.000000	.850398	3.240973
25	.304800	.213856	.971853	1.000000	.871937	3.300997
26	.317500	.220263	.976479	1.000000	.890454	3.351744
27	.330200	.227506	.981457	1.000000	.911386	3.408196
28	.342900	.235515	.986735	1.000000	.934808	3.470276
29	.355600	.240878	.990071	1.000000	.950312	3.510764
30	.368300	.246519	.993454	1.000000	.966620	3.552656
31	.381000	.251742	.996475	1.000000	.981719	3.591389
32	.393700	.255224	.998434	1.000000	.991786	3.616849
33	.406400	.259473	1.000765	1.000000	1.004066	3.647668
34	.419100	.262467	1.002371	1.000000	1.012723	3.669238
35	.431800	.264348	1.003364	1.000000	1.018158	3.682717
36	.444500	.228698	1.031536	1.000000	1.204147	4.117430
37	.457200	.440994	1.063345	1.000000	1.528764	4.782409
38	.469900	.442775	1.063757	1.000000	1.534199	4.792757
39	.482600	.445143	1.064271	1.000000	1.541043	4.805757
40	.495300	.446884	1.064646	1.000000	1.546076	4.815293
41	.508000	.448764	1.065048	1.000000	1.551511	4.825571
42	.520700	.450505	1.065418	1.000000	1.556543	4.835068
43	.533400	.451411	1.065609	1.000000	1.559160	4.839999

STATION Y= 5.08 CM PTO= 25.110 N/SQ CM TTO=302.33K
R= 2.581 CM PWALL= .4723 N/SQ CM CF= .00185 PT =1.063
UE= 615.4 M/SEC RHOE=.00459 KG/CUB M RE= 11.289E6 /M
DELTA= .305 CM DELTA*= .1131 CM THETA= .0205 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.018810	.000000	1.000000	.376101	.000000
2	.012700	.032225	.478030	1.000000	.438637	.911795
3	.025400	.050124	.629419	1.000000	.499583	1.281249
4	.038100	.063565	.701478	1.000000	.542717	1.468299
5	.050800	.071574	.735842	1.000000	.567973	1.597124
6	.063500	.077006	.756581	1.000000	.585034	1.666618
7	.076200	.082996	.777675	1.000000	.604005	1.740638
8	.088900	.088289	.794622	1.000000	.620573	1.802797
9	.101600	.093581	.810339	1.000000	.637117	1.862799
10	.114300	.099989	.827919	1.000000	.657119	1.932856
11	.127000	.106048	.843262	1.000000	.676013	1.996778
12	.139700	.111898	.857031	1.000000	.694241	2.056561
13	.152400	.118653	.871962	1.000000	.715513	2.124205
14	.165100	.125060	.884971	1.000000	.735465	2.185746
15	.177800	.132652	.899269	1.000000	.759089	2.256448
16	.190500	.139059	.910495	1.000000	.779020	2.314416
17	.203200	.146302	.922357	1.000000	.801541	2.378220
18	.215900	.154241	.934455	1.000000	.826219	2.446223
19	.228600	.162111	.945611	1.000000	.850673	2.511792
20	.241300	.169911	.955932	1.000000	.874903	2.575116
21	.254000	.177432	.965259	1.000000	.898263	2.634724
22	.266700	.185372	.974608	1.000000	.923212	2.696935
23	.279400	.192545	.982471	1.000000	.945495	2.751308
24	.292100	.201320	.991520	1.000000	.972750	2.816385
25	.304800	.210095	1.000000	1.000000	1.000000	2.879982
26	.317500	.217129	1.006422	1.000000	1.021841	2.929958
27	.330200	.224442	1.012772	1.000000	1.044544	2.981020
28	.342900	.237326	1.023225	1.000000	1.084540	3.068908
29	.355600	.319784	1.073886	1.000000	1.340819	3.581235
30	.368300	.406003	1.108161	1.000000	1.608378	4.047499
31	.381000	.417285	1.111758	1.000000	1.643384	4.104588
32	.393700	.429055	1.115338	1.000000	1.679003	4.163307
33	.406400	.436785	1.117600	1.000000	1.703888	4.201427
34	.419100	.441451	1.118933	1.000000	1.718365	4.224270
35	.431800	.445282	1.120009	1.000000	1.730250	4.242929
36	.444500	.447023	1.120493	1.000000	1.735652	4.251384
37	.457200	.448973	1.121032	1.000000	1.741702	4.260833
38	.469900	.450993	1.121595	1.000000	1.747968	4.270597
39	.482600	.452943	1.122115	1.000000	1.754018	4.280004
40	.495300	.453430	1.122247	1.000000	1.755530	4.282352
41	.508000	.455798	1.122884	1.000000	1.762877	4.293740
42	.520700	.457609	1.123368	1.000000	1.768495	4.302429
43	.533400	.460604	1.124161	1.000000	1.777786	4.316759

STATION X= 5.31 CM PTO= 25.110 N/SQ CM TTO=302.33K
P= 2.581 CM PWALL= .6949 N/SQ CM CF= .00073 PI =2.876
UE= 657.2 M/SEC RHOE=.00862 KG/CUB M RE= 30.351E6 /M
DELTA= .399 CM DELTA*= .1875 CM THETA= .0227 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.027674	.000000	1.000000	.288482	.000000
2	.012700	.032922	.260814	1.000000	.303155	.504292
3	.025400	.049567	.464314	1.000000	.340751	.951807
4	.038100	.061476	.534761	1.000000	.362174	1.130152
5	.050800	.071156	.579012	1.000000	.378854	1.251533
6	.063500	.079862	.612522	1.000000	.393536	1.349377
7	.076200	.086408	.634719	1.000000	.404403	1.417450
8	.088900	.092467	.653759	1.000000	.414547	1.478168
9	.101600	.097482	.668218	1.000000	.422810	1.525641
10	.114300	.102357	.681432	1.000000	.430823	1.570689
11	.127000	.107789	.695280	1.000000	.439731	1.619094
12	.139700	.113430	.708785	1.000000	.448964	1.667780
13	.152400	.120115	.723963	1.000000	.460042	1.724383
14	.165100	.126593	.737514	1.000000	.470618	1.776737
15	.177800	.133209	.750490	1.000000	.481407	1.828604
16	.190500	.139546	.762179	1.000000	.491730	1.876892
17	.203200	.150480	.780837	1.000000	.509520	1.957310
18	.215900	.169075	.808853	1.000000	.539728	2.086776
19	.228600	.203758	.851695	1.000000	.596191	2.309381
20	.241300	.253971	.898356	1.000000	.677548	2.596792
21	.254000	.283151	.919907	1.000000	.725924	2.750671
22	.266700	.304532	.933656	1.000000	.759643	2.857659
23	.279400	.329534	.948004	1.000000	.800116	2.977868
24	.292100	.354605	.960817	1.000000	.840693	3.093700
25	.304800	.378006	.971574	1.000000	.878558	3.198009
26	.317500	.402799	.981889	1.000000	.918671	3.304922
27	.330200	.419235	.988191	1.000000	.945260	3.373922
28	.342900	.432537	.993009	1.000000	.965778	3.428746
29	.355600	.440059	.995692	1.000000	.979235	3.460087
30	.368300	.446187	.997774	1.000000	.989153	3.484839
31	.381000	.449809	.998983	1.000000	.995013	3.499382
32	.393700	.452037	.999720	1.000000	.998620	3.508302
33	.406400	.453778	1.000291	1.000000	1.001437	3.515255
34	.419100	.455171	1.000745	1.000000	1.003691	3.520807
35	.431800	.457121	1.001378	1.000000	1.006847	3.528565
36	.444500	.458236	1.001737	1.000000	1.008650	3.532991
37	.457200	.459002	1.001983	1.000000	1.009889	3.536031
38	.469900	.460464	1.002452	1.000000	1.012256	3.541826
39	.482600	.462623	1.003138	1.000000	1.015750	3.550364
40	.495300	.464364	1.003689	1.000000	1.018567	3.557235
41	.508000	.463389	1.003381	1.000000	1.016989	3.553389
42	.520700	.463389	1.003381	1.000000	1.016989	3.553389
43	.533400	.465687	1.004104	1.000000	1.020708	3.562447

ID NO. 12415-005

STATION X= 5.56 CM PTO= 25.110 N/SQ CM TTO=302.33K
R= 2.581 CM PWALL= .9219 N/SQ CM CF= .00059 PI[illegible]=4.460
UE= 621.5 M/SEC RHOE=.00908 KG/CUB M RE= 23.803E6 /M
DELTA= .305 CM DELTA*= .1399 CM THETA= .0189 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.036716	.000000	1.000000	.363635	.000000
2	.012700	.032086	.000000	1.000000	.363635	.000000
3	.025400	.039677	.165602	1.000000	.371785	.334761
4	.038100	.049358	.356917	1.000000	.395714	.664146
5	.050800	.059944	.453182	1.000000	.418304	.867009
6	.063500	.074499	.534784	1.000000	.444540	1.054725
7	.076200	.091840	.603718	1.000000	.473446	1.228781
8	.088900	.109530	.657623	1.000000	.501709	1.377871
9	.101600	.129378	.706683	1.000000	.533034	1.526185
10	.114300	.151734	.751762	1.000000	.567859	1.675736
11	.127000	.172697	.787375	1.000000	.600574	1.804969
12	.139700	.191083	.814247	1.000000	.629027	1.910274
13	.152400	.214761	.844341	1.000000	.665599	2.037649
14	.165100	.233983	.865903	1.000000	.695479	2.136087
15	.177800	.250698	.882700	1.000000	.721255	2.217496
16	.190500	.269014	.899444	1.000000	.749483	2.303350
17	.203200	.283569	.911671	1.000000	.771903	2.369326
18	.215900	.306900	.929549	1.000000	.807823	2.471358
19	.228600	.328420	.944414	1.000000	.840941	2.561831
20	.241300	.352099	.959234	1.000000	.877368	2.657789
21	.254000	.374663	.972171	1.000000	.912369	2.746837
22	.266700	.396810	.983699	1.000000	.946441	2.830831
23	.279400	.413246	.991651	1.000000	.971723	2.891579
24	.292100	.424389	.996776	1.000000	.988861	2.932044
25	.304800	.431632	1.000000	1.000000	1.000000	2.958045
26	.317500	.437482	1.002544	1.000000	1.008997	2.978884
27	.330200	.441243	1.004153	1.000000	1.014780	2.992202
28	.342900	.445143	1.005799	1.000000	1.020777	3.005950
29	.355600	.446535	1.006391	1.000000	1.022919	3.010845
30	.368300	.447998	1.006990	1.000000	1.025168	3.015976
31	.381000	.451460	1.008427	1.000000	1.030523	3.028157
32	.393700	.452943	1.009025	1.000000	1.032772	3.033259
33	.406400	.454684	1.009734	1.000000	1.035449	3.039321
34	.419100	.457470	1.010859	1.000000	1.039732	3.048995
35	.431800	.458305	1.011195	1.000000	1.041017	3.051891
36	.444500	.458793	1.011390	1.000000	1.041767	3.053579
37	.457200	.459002	1.011474	1.000000	1.042088	3.054302
38	.469900	.460255	1.011974	1.000000	1.044016	3.058638
39	.482600	.460743	1.012168	1.000000	1.044765	3.060322
40	.495300	.460882	1.012223	1.000000	1.044980	3.060803
41	.508000	.461648	1.012527	1.000000	1.046158	3.063448
42	.520700	.460882	1.012223	1.000000	1.044980	3.060803
43	.533400	.459837	1.011807	1.000000	1.043373	3.057193

ID NO. 12411-206

STATION X= 5.24 CM PTO= 29.116 N/SQ CM TTO=302.33K
R= 2.581 CM PWALL= 1.1290 N/SQ CM CF= .00117 RT =2.271
UE= 590.9 M/SEC RHOE=.00999 KG/CUB M RE= 21.38766 /M
DELTA= .305 CM DELTA*= .1012 CM THETA= .0181 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.047205	.000000	1.000000	.424762	.000000
2	.012700	.063913	.379714	1.000000	.463178	.672463
3	.025400	.067604	.411769	1.000000	.479668	.735098
4	.038100	.075544	.457487	1.000000	.485940	.847914
5	.050800	.098010	.532395	1.000000	.507511	.986943
6	.063500	.125396	.596590	1.000000	.535506	1.141754
7	.076200	.129030	.663968	1.000000	.569078	1.303373
8	.088900	.156261	.724231	1.000000	.608297	1.469843
9	.101600	.187163	.779562	1.000000	.652161	1.636087
10	.114300	.219428	.824805	1.000000	.697861	1.792957
11	.127000	.250976	.862288	1.000000	.742215	1.933089
12	.139700	.275456	.888408	1.000000	.777977	2.039066
13	.152400	.290673	.901809	1.000000	.799152	2.096492
14	.165100	.304690	.914211	1.000000	.818068	2.151676
15	.177800	.336707	.939377	1.000000	.862648	2.270343
16	.190500	.369370	.962032	1.000000	.908361	2.385913
17	.203200	.407674	.985281	1.000000	.961932	2.514597
18	.215900	.432467	.998737	1.000000	.996593	2.594453
19	.228600	.434626	.999856	1.000000	.999611	2.601290
20	.241300	.430309	.997610	1.000000	.993575	2.587598
21	.254000	.425642	.995145	1.000000	.987053	2.572720
22	.266700	.425642	.995145	1.000000	.987053	2.572720
23	.279400	.429403	.997135	1.000000	.992310	2.584719
24	.292100	.432398	.998701	1.000000	.996496	2.594232
25	.304800	.434905	1.000000	1.000000	1.000000	2.602171
26	.317500	.437482	1.001324	1.000000	1.003692	2.610304
27	.330200	.440407	1.002813	1.000000	1.007690	2.619506
28	.342900	.442775	1.004009	1.000000	1.010999	2.626931
29	.355600	.445352	1.005299	1.000000	1.014600	2.634987
30	.368300	.447580	1.006405	1.000000	1.017715	2.641932
31	.381000	.448694	1.006957	1.000000	1.019272	2.645402
32	.393700	.449182	1.007197	1.000000	1.019953	2.646917
33	.406400	.448764	1.006991	1.000000	1.019369	2.645618
34	.419100	.446635	1.005923	1.000000	1.016352	2.638897
35	.431800	.442705	1.003974	1.000000	1.010902	2.626713
36	.444500	.439501	1.002354	1.000000	1.006424	2.616661
37	.457200	.435462	1.000287	1.000000	1.000779	2.603931
38	.469900	.430587	.997756	1.000000	.993965	2.588484
39	.482600	.425503	.995071	1.000000	.986858	2.572274
40	.495300	.420489	.992378	1.000000	.979840	2.556185
41	.508000	.415265	.989523	1.000000	.972546	2.539316
42	.520700	.409206	.986146	1.000000	.964075	2.519605
43	.533400	.404053	.983217	1.000000	.956870	2.502717

STATION X= 6.10 CM PTO= 25.110 N/SQ CM TTO=302.33K
R= 2.581 CM PWALL= 1.3832 N/SQ CM CF= .00163 PT [illegible]=1.470
UE= 561.5 M/SEC RHOE=.01031 KG/CUB M RE= 18.653E6 /M
DELTA= .305 CM DELTA*= .0552 CM THETA= .0085 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTE	RHO/RHOE	M
1	.000000	.055085	.000000	1.000000	.480532	.000000
2	.012700	.080628	.445572	1.000000	.535790	.758260
3	.025400	.086826	.484444	1.000000	.547248	.833179
4	.038100	.094696	.525427	1.000000	.560984	.914935
5	.050800	.107301	.579956	1.000000	.582268	1.028667
6	.063500	.121569	.623029	1.000000	.601899	1.123758
7	.076200	.139694	.673410	1.000000	.628614	1.241294
8	.088900	.169936	.736954	1.000000	.669387	1.401606
9	.101600	.203061	.796458	1.000000	.716701	1.567600
10	.114300	.249305	.859938	1.000000	.780266	1.766002
11	.127000	.302234	.916419	1.000000	.852402	1.967066
12	.139700	.356066	.962257	1.000000	.925872	2.152631
13	.152400	.423141	1.005851	1.000000	1.012850	2.353472
14	.165100	.482681	1.040334	1.000000	1.097650	2.534006
15	.177800	.542226	1.067626	1.000000	1.178711	2.695298
16	.190500	.592026	1.087875	1.000000	1.247418	2.824809
17	.203200	.631641	1.091141	1.000000	1.259497	2.846967
18	.215900	.648494	1.070452	1.000000	1.187206	2.711647
19	.228600	.486372	1.042170	1.000000	1.102652	2.544250
20	.241300	.468692	1.033184	1.000000	1.078675	2.494745
21	.254000	.458932	1.028023	1.000000	1.065457	2.467026
22	.266700	.441103	1.018172	1.000000	1.041283	2.415507
23	.279400	.423493	1.007972	1.000000	1.017395	2.363476
24	.292100	.414221	1.002216	1.000000	1.004819	2.335652
25	.304800	.410669	1.000000	1.000000	1.000000	2.324893
26	.317500	.408859	.998860	1.000000	.997543	2.319388
27	.330200	.407465	.997979	1.000000	.995653	2.315145
28	.342900	.405028	.996426	1.000000	.992346	2.307701
29	.355600	.403073	.995175	1.000000	.989699	2.301727
30	.368300	.400292	.993372	1.000000	.985919	2.293165
31	.381000	.397682	.991278	1.000000	.981571	2.283281
32	.393700	.393566	.989227	1.000000	.977318	2.273569
33	.406400	.391066	.987301	1.000000	.973442	2.264663
34	.419100	.387409	.984608	1.000000	.968432	2.253143
35	.431800	.383575	.982185	1.000000	.963232	2.241105
36	.444500	.379513	.980363	1.000000	.959072	2.231426
37	.457200	.376613	.977327	1.000000	.953776	2.219646
38	.469900	.372086	.974103	1.000000	.947629	2.204567
39	.482600	.367211	.970572	1.000000	.941009	2.188907
40	.495300	.362624	.967339	1.000000	.935049	2.174697
41	.508000	.358158	.963842	1.000000	.928711	2.159460
42	.520700	.353637	.960331	1.000000	.922561	2.144612
43	.533400	.348617	.956500	1.000000	.915747	2.123019

STATION X= 6.32 CM PTO= 25.110 N/SQ CM TTO=302.33K
R= 2.581 CM PWALL= 1.5245 N/SQ CM CF= .00323 PT[illegible]=-.159
UE= 515.1 M/SEC RHOE=.00970 KG/CUB M RE= 13.942E6 /M
DELTA= .424 CM DELTA*=-.0255 CM THETA=-.0233 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.060712	.000000	1.000000	.562785	.000000
2	.012700	.097203	.536457	1.000000	.643789	.848337
3	.025400	.106744	.583580	1.000000	.661244	.935284
4	.038100	.117817	.630392	1.000000	.681128	1.025385
5	.050800	.132164	.674069	1.000000	.702302	1.113341
6	.063500	.147834	.717879	1.000000	.726473	1.205932
7	.076200	.174090	.779078	1.000000	.766082	1.343941
8	.088900	.201808	.832173	1.000000	.807180	1.473536
9	.101600	.238719	.890175	1.000000	.861126	1.628061
10	.114300	.288514	.953249	1.000000	.933757	1.815453
11	.127000	.345970	1.010638	1.000000	1.016897	2.008610
12	.139700	.404192	1.057552	1.000000	1.101315	2.187354
13	.152400	.463529	1.096673	1.000000	1.185897	2.354752
14	.165100	.525372	1.130676	1.000000	1.276007	2.517250
15	.177800	.579624	1.156125	1.000000	1.354128	2.651529
16	.190500	.609293	1.168755	1.000000	1.397289	2.722873
17	.203200	.620575	1.173276	1.000000	1.413537	2.749257
18	.215900	.619530	1.172863	1.000000	1.412032	2.746626
19	.228600	.614655	1.170919	1.000000	1.405012	2.735448
20	.241300	.605950	1.167391	1.000000	1.392474	2.715012
21	.254000	.596687	1.163555	1.000000	1.379134	2.693096
22	.266700	.587355	1.159472	1.000000	1.365257	2.670108
23	.279400	.544176	1.139909	1.000000	1.303088	2.564595
24	.292100	.423275	1.070945	1.000000	1.128849	2.242575
25	.304800	.378563	1.038163	1.000000	1.064314	2.110873
26	.317500	.362336	1.024766	1.000000	1.040536	2.060227
27	.330200	.354049	1.017719	1.000000	1.028568	2.034257
28	.342900	.350358	1.014510	1.000000	1.023236	2.022589
29	.355600	.347433	1.011935	1.000000	1.019010	2.013278
30	.368300	.345691	1.010390	1.000000	1.016495	2.007720
31	.381000	.343184	1.008146	1.000000	1.012872	1.999688
32	.393700	.340607	1.005817	1.000000	1.009148	1.991399
33	.406400	.338031	1.003466	1.000000	1.005424	1.983074
34	.419100	.334966	1.000639	1.000000	1.000995	1.973127
35	.431800	.332947	.998758	1.000000	.998075	1.966543
36	.444500	.329465	.995479	1.000000	.993040	1.955137
37	.457200	.326818	.992957	1.000000	.989213	1.946422
38	.469900	.324102	.990341	1.000000	.985285	1.937437
39	.482600	.321595	.987902	1.000000	.981659	1.929104
40	.495300	.318182	.984542	1.000000	.976722	1.917702
41	.508000	.315188	.981555	1.000000	.972389	1.907638
42	.520700	.311845	.978177	1.000000	.967551	1.896339
43	.533400	.308014	.974250	1.000000	.962006	1.883306

ID NO. 12415-009

STATION X= 6.60 CM PT0= 25.110 N/SQ CM TT0=302.33K

F= 2.581 CM PWALL= 1.4888 N/SQ CM CF= .00343 PI =-.198

UE= 513.4 M/SEC RHOE=.00942 KG/CUB M RE= 13.433E6 /M

DELTA= .367 CM DELTA*=-.0559 CM THETA=-.0321 CM

I	Y(CM)	PT/PT0	U/UE	TT/TT0	RHO/RHOE	M
1	.000000	.059292	.000000	1.000000	.565798	.000000
2	.012700	.108903	.606012	1.000000	.673137	.973941
3	.025400	.122971	.656291	1.000000	.695955	1.072475
4	.038100	.133766	.690495	1.000000	.713509	1.142510
5	.050800	.149087	.732834	1.000000	.737956	1.233080
6	.063500	.167434	.776123	1.000000	.765196	1.330761
7	.076200	.191918	.825653	1.000000	.803687	1.449909
8	.088900	.220611	.874365	1.000000	.846944	1.576232
9	.101600	.259821	.929929	1.000000	.905978	1.733838
10	.114300	.298055	.974685	1.000000	.963055	1.873655
11	.127000	.347502	1.022790	1.000000	1.036658	2.039858
12	.139700	.400989	1.065819	1.000000	1.116502	2.206039
13	.152400	.452525	1.100374	1.000000	1.193016	2.354309
14	.165100	.508658	1.132291	1.000000	1.276281	2.505711
15	.177800	.545569	1.150677	1.000000	1.331003	2.600417
16	.190500	.572660	1.163058	1.000000	1.371155	2.667770
17	.203200	.585683	1.168854	1.000000	1.390902	2.700278
18	.215900	.588330	1.169981	1.000000	1.394826	2.706691
19	.228600	.585892	1.168943	1.000000	1.391212	2.700755
20	.241300	.580669	1.166698	1.000000	1.383467	2.688085
21	.254000	.573983	1.163651	1.000000	1.373116	2.671015
22	.266700	.568432	1.161213	1.000000	1.364963	2.657493
23	.279400	.560403	1.157570	1.000000	1.352990	2.637512
24	.292100	.552812	1.154076	1.000000	1.341739	2.618595
25	.304800	.543549	1.149718	1.000000	1.328010	2.595326
26	.317500	.535122	1.145659	1.000000	1.315518	2.573971
27	.330200	.526626	1.141472	1.000000	1.302922	2.552257
28	.342900	.506708	1.131266	1.000000	1.273390	2.500607
29	.355600	.402242	1.066730	1.000000	1.118364	2.209765
30	.368300	.317834	.995077	1.000000	.992519	1.941896
31	.381000	.309362	.985520	1.000000	.978414	1.909531
32	.393700	.304690	.981912	1.000000	.973226	1.897490
33	.406400	.302861	.979795	1.000000	.970217	1.890469
34	.419100	.301189	.978029	1.000000	.967726	1.884633
35	.431800	.298612	.975283	1.000000	.963885	1.875613
36	.444500	.296732	.973259	1.000000	.961082	1.868998
37	.457200	.294991	.971371	1.000000	.958487	1.862852
38	.469900	.292464	.968627	1.000000	.954749	1.853964
39	.482600	.290673	.966627	1.000000	.952048	1.847517
40	.495300	.288096	.963753	1.000000	.948205	1.838302
41	.508000	.285589	.960926	1.000000	.944465	1.829291
42	.520700	.283012	.957987	1.000000	.940620	1.819980
43	.533400	.280505	.955095	1.000000	.936879	1.810873

STATION X= 6.83 CM PTO= 25.110 N/SQ CM TTO=302.33K
R= 2.581 CM PWALL= 1.3444 N/SQ CM CF= .00300 PI[illegible]=-.190
UE= 549.0 M/SEC RHOE=.00956 KG/CUB M RE= 16.203E6 /M
DELTA= .449 CM DELTA*=-.0210 CM THETA=-.0133 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.053542	.000000	1.000000	.503477	.000000
2	.012700	.118305	.637868	1.000000	.630942	1.125098
3	.025400	.137178	.691880	1.000000	.660458	1.248585
4	.038100	.150271	.723743	1.000000	.680449	1.325704
5	.050800	.163364	.752081	1.000000	.700096	1.397359
6	.063500	.180079	.784770	1.000000	.725252	1.484060
7	.076200	.198465	.816433	1.000000	.752541	1.572717
8	.088900	.222979	.853727	1.000000	.789014	1.683939
9	.101600	.248330	.887098	1.000000	.826368	1.790701
10	.114300	.279251	.922442	1.000000	.871808	1.912555
11	.127000	.316650	.959025	1.000000	.926644	2.049987
12	.139700	.352517	.989326	1.000000	.979489	2.174222
13	.152400	.396531	1.021098	1.000000	1.043899	2.316656
14	.165100	.437134	1.046379	1.000000	1.103264	2.440584
15	.177800	.468752	1.063886	1.000000	1.149469	2.532844
16	.190500	.501345	1.080250	1.000000	1.197080	2.624523
17	.203200	.525372	1.091479	1.000000	1.232564	2.690820
18	.215900	.537351	1.096742	1.000000	1.250065	2.722924
19	.228600	.543828	1.099517	1.000000	1.259527	2.740125
20	.241300	.544733	1.099901	1.000000	1.260850	2.742520
21	.254000	.542296	1.098865	1.000000	1.257289	2.736066
22	.266700	.538256	1.097133	1.000000	1.251388	2.725335
23	.279400	.533660	1.095139	1.000000	1.244672	2.713072
24	.292100	.527810	1.092564	1.000000	1.236125	2.697384
25	.304800	.522447	1.090045	1.000000	1.227897	2.682194
26	.317500	.516458	1.087324	1.000000	1.219151	2.665953
27	.330200	.510329	1.084492	1.000000	1.210201	2.649231
28	.342900	.503504	1.081279	1.000000	1.200233	2.630482
29	.355600	.496400	1.077867	1.000000	1.189858	2.610824
30	.368300	.489506	1.074488	1.000000	1.179787	2.591600
31	.381000	.482681	1.071074	1.000000	1.169817	2.572427
32	.393700	.475786	1.067554	1.000000	1.159745	2.552911
33	.406400	.469518	1.064290	1.000000	1.150588	2.535038
34	.419100	.461509	1.060027	1.000000	1.138886	2.512012
35	.431800	.454962	1.056464	1.000000	1.129320	2.493032
36	.444500	.413315	1.031968	1.000000	1.068445	2.368682
37	.457200	.285241	.928713	1.000000	.880597	1.935240
38	.469900	.259960	.901014	1.000000	.843472	1.837518
39	.482600	.257244	.897835	1.000000	.839480	1.826696
40	.495300	.255573	.895858	1.000000	.837022	1.820003
41	.508000	.253901	.893864	1.000000	.834564	1.813285
42	.520700	.251742	.891265	1.000000	.831389	1.804569
43	.533400	.249583	.888637	1.000000	.828213	1.795808

STATION X= 7.11 CM PT0= 25.110 N/SQ CM TT0=302.33K
R= 2.581 CM PWALL= 1.1475 N/SQ CM CF= .00155 PT =1.168
UE= 614.7 M/SEC RHOE=.01088 KG/CUB M RE= 27.200E6 /M
DELTA= .270 CM DELTA*= .0915 CM THETA= .0165 CM

I	Y(CM)	PT/PT0	U/UE	TT/TT0	RHO/RHOE	M
1	.000000	.045702	.000000	1.000000	.377477	.000000
2	.012700	.113848	.608793	1.000000	.490696	1.224586
3	.025400	.143864	.681001	1.000000	.530688	1.424575
4	.038100	.156470	.706081	1.000000	.547353	1.500051
5	.050800	.168031	.726794	1.000000	.562420	1.565164
6	.063500	.180566	.747376	1.000000	.578706	1.632624
7	.076200	.195679	.770193	1.000000	.598495	1.710976
8	.088900	.212324	.792708	1.000000	.620018	1.792393
9	.101600	.231894	.816504	1.000000	.645285	1.883440
10	.114300	.255224	.841734	1.000000	.675353	1.985369
11	.127000	.276396	.862170	1.000000	.702601	2.075224
12	.139700	.305089	.886945	1.000000	.739746	2.190564
13	.152400	.337543	.911277	1.000000	.781459	2.313243
14	.165100	.369092	.932027	1.000000	.821977	2.426477
15	.177800	.399526	.949812	1.000000	.861042	2.530857
16	.190500	.432746	.967139	1.000000	.903664	2.640039
17	.203200	.456703	.976588	1.000000	.934696	2.716771
18	.215900	.477388	.987698	1.000000	.961236	2.780718
19	.228600	.493406	.994360	1.000000	.981796	2.829240
20	.241300	.503434	.998358	1.000000	.994651	2.859197
21	.254000	.506359	.999515	1.000000	.998403	2.867875
22	.266700	.507822	1.000085	1.000000	1.000279	2.872204
23	.279400	.506429	.999542	1.000000	.998493	2.868081
24	.292100	.503991	.998588	1.000000	.995366	2.860852
25	.304800	.500579	.997239	1.000000	.990989	2.850700
26	.317500	.496888	.995765	1.000000	.985252	2.839677
27	.330200	.492570	.994020	1.000000	.980714	2.826729
28	.342900	.488391	.992309	1.000000	.975353	2.814141
29	.355600	.483029	.990081	1.000000	.968474	2.797903
30	.368300	.477736	.987846	1.000000	.961683	2.781782
31	.381000	.473000	.985815	1.000000	.955607	2.767278
32	.393700	.466941	.983172	1.000000	.947832	2.748609
33	.406400	.461439	.980727	1.000000	.940773	2.731545
34	.419100	.454893	.977762	1.000000	.932372	2.711100
35	.431800	.449461	.975253	1.000000	.925401	2.694017
36	.444500	.443889	.972526	1.000000	.917957	2.675655
37	.457200	.437900	.969655	1.000000	.910275	2.656571
38	.469900	.432050	.966796	1.000000	.902771	2.637797
39	.482600	.426269	.963915	1.000000	.895356	2.619112
40	.495300	.420698	.961083	1.000000	.888208	2.600975
41	.508000	.414987	.958125	1.000000	.880891	2.582251
42	.520700	.408649	.954772	1.000000	.872749	2.561310
43	.533400	.380583	.938978	1.000000	.835729	2.466413

STATION X= 7.34 CM PTO= 25.110 N/SQ CM TTO=302.33K
R= 2.581 CM PWALL= 1.0107 N/SQ CM CF= .00167 PI[illegible]= .897
UE= 620.1 M/SEC RHOE=.00988 KG/CUB M RE= 25.646E6 /M
DELTA= .310 CM DELTA*= .0978 CM THETA= .0174 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.040253	.000000	1.000000	.366413	.000000
2	.012700	.106814	.623305	1.000000	.486059	1.277754
3	.025400	.144352	.713278	1.000000	.540709	1.542208
4	.038100	.156957	.737116	1.000000	.558772	1.620151
5	.050800	.166707	.754217	1.000000	.572890	1.678550
6	.063500	.173950	.765993	1.000000	.583233	1.720678
7	.076200	.184118	.781535	1.000000	.597732	1.776659
8	.088900	.196236	.798712	1.000000	.614985	1.841725
9	.101600	.209190	.815651	1.000000	.633403	1.908739
10	.114300	.226879	.836727	1.000000	.658522	1.996508
11	.127000	.244012	.855199	1.000000	.682821	2.077690
12	.139700	.267273	.877862	1.000000	.716027	2.184205
13	.152400	.286146	.894270	1.000000	.742767	2.266195
14	.165100	.309616	.912722	1.000000	.775998	2.364129
15	.177800	.333295	.929468	1.000000	.809506	2.458933
16	.190500	.355720	.943848	1.000000	.841227	2.545428
17	.203200	.380513	.958307	1.000000	.876284	2.637724
18	.215900	.403078	.970432	1.000000	.908476	2.719718
19	.228600	.422578	.980046	1.000000	.936052	2.788039
20	.241300	.439571	.987903	1.000000	.960078	2.846229
21	.254000	.452803	.993713	1.000000	.978785	2.890724
22	.266700	.460325	.996902	1.000000	.989417	2.915712
23	.279400	.465479	.999043	1.000000	.996702	2.932709
24	.292100	.468055	1.000100	1.000000	1.000345	2.941171
25	.304800	.468264	1.000185	1.000000	1.000640	2.941856
26	.317500	.467150	.999729	1.000000	.999065	2.938201
27	.330200	.466036	.999272	1.000000	.997490	2.934541
28	.342900	.464295	.998554	1.000000	.995029	2.928813
29	.355600	.461857	.997542	1.000000	.991583	2.920776
30	.368300	.458652	.996200	1.000000	.987054	2.910173
31	.381000	.454962	.994636	1.000000	.981837	2.897919
32	.393700	.450923	.992903	1.000000	.976126	2.884443
33	.406400	.447371	.991359	1.000000	.971105	2.872541
34	.419100	.443193	.989519	1.000000	.965198	2.858476
35	.431800	.438666	.987496	1.000000	.958798	2.843159
36	.444500	.435114	.985887	1.000000	.953776	2.831082
37	.457200	.430935	.983968	1.000000	.947868	2.816603
38	.469900	.426476	.981891	1.000000	.941566	2.801501
39	.482600	.421882	.979714	1.000000	.935067	2.785623
40	.495300	.417424	.977570	1.000000	.928764	2.770148
41	.508000	.413664	.975734	1.000000	.923446	2.757018
42	.520700	.412549	.975186	1.000000	.921870	2.753116
43	.533400	.415126	.976451	1.000000	.925514	2.762131

STATION X= 7.59 CM PTO= 25.110 N/SQ CM TTO=302.33K
R= 2.581 CM PWALL= .8811 N/SQ CM CF= .00175 PT = .682
UE= 626.9 M/SEC RHOE=.00895 KG/CUB M RE= 24.428E6 /M
DELTA= .355 CM DELTA*= .1047 CM THETA= .0182 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.035090	.000000	1.000000	.352477	.000000
2	.012700	.099640	.637255	1.000000	.478230	1.335609
3	.025400	.136761	.729005	1.000000	.537414	1.619693
4	.038100	.156618	.766817	1.000000	.569198	1.753360
5	.050800	.162668	.776672	1.000000	.578398	1.790186
6	.063500	.168588	.786201	1.000000	.587698	1.826664
7	.076200	.175761	.797199	1.000000	.598959	1.869877
8	.088900	.184466	.809804	1.000000	.612613	1.920969
9	.101600	.193659	.822312	1.000000	.627019	1.973442
10	.114300	.207170	.839362	1.000000	.648172	2.048057
11	.127000	.219219	.853540	1.000000	.667241	2.113066
12	.139700	.233565	.868953	1.000000	.689686	2.187104
13	.152400	.249235	.884394	1.000000	.714184	2.265159
14	.165100	.265741	.899288	1.000000	.739975	2.344524
15	.177800	.283360	.913835	1.000000	.767493	2.426345
16	.190500	.301189	.927316	1.000000	.795326	2.506387
17	.203200	.319505	.940032	1.000000	.823911	2.586011
18	.215900	.338449	.952123	1.000000	.853464	2.665837
19	.228600	.357322	.963331	1.000000	.883192	2.743788
20	.241300	.375360	.973160	1.000000	.911337	2.815604
21	.254000	.391238	.981248	1.000000	.936110	2.877331
22	.266700	.404123	.987456	1.000000	.956208	2.926454
23	.279400	.414360	.992180	1.000000	.972176	2.964903
24	.292100	.421951	.995569	1.000000	.984016	2.992692
25	.304800	.427871	.998148	1.000000	.993248	3.014891
26	.317500	.430587	.999313	1.000000	.997484	3.024840
27	.330200	.432050	.999936	1.000000	.999765	3.030153
28	.342900	.433025	1.000349	1.000000	1.001286	3.033740
29	.355600	.432189	.999995	1.000000	.999982	3.030691
30	.368300	.431284	.999610	1.000000	.998570	3.027385
31	.381000	.429682	.998926	1.000000	.996072	3.021527
32	.393700	.428567	.998448	1.000000	.994334	3.017445
33	.406400	.425851	.997274	1.000000	.990098	3.007471
34	.419100	.423692	.996333	1.000000	.986731	2.999520
35	.431800	.420767	.995047	1.000000	.982169	2.988713
36	.444500	.417703	.993684	1.000000	.977390	2.977350
37	.457200	.415335	.992620	1.000000	.973697	2.968539
38	.469900	.413246	.991674	1.000000	.970438	2.960742
39	.482600	.414569	.992274	1.000000	.972502	2.965682
40	.495300	.417355	.993528	1.000000	.976847	2.976055
41	.508000	.418539	.994057	1.000000	.978693	2.980453
42	.520700	.418121	.993871	1.000000	.978042	2.978902
43	.533400	.417424	.993559	1.000000	.976956	2.976314

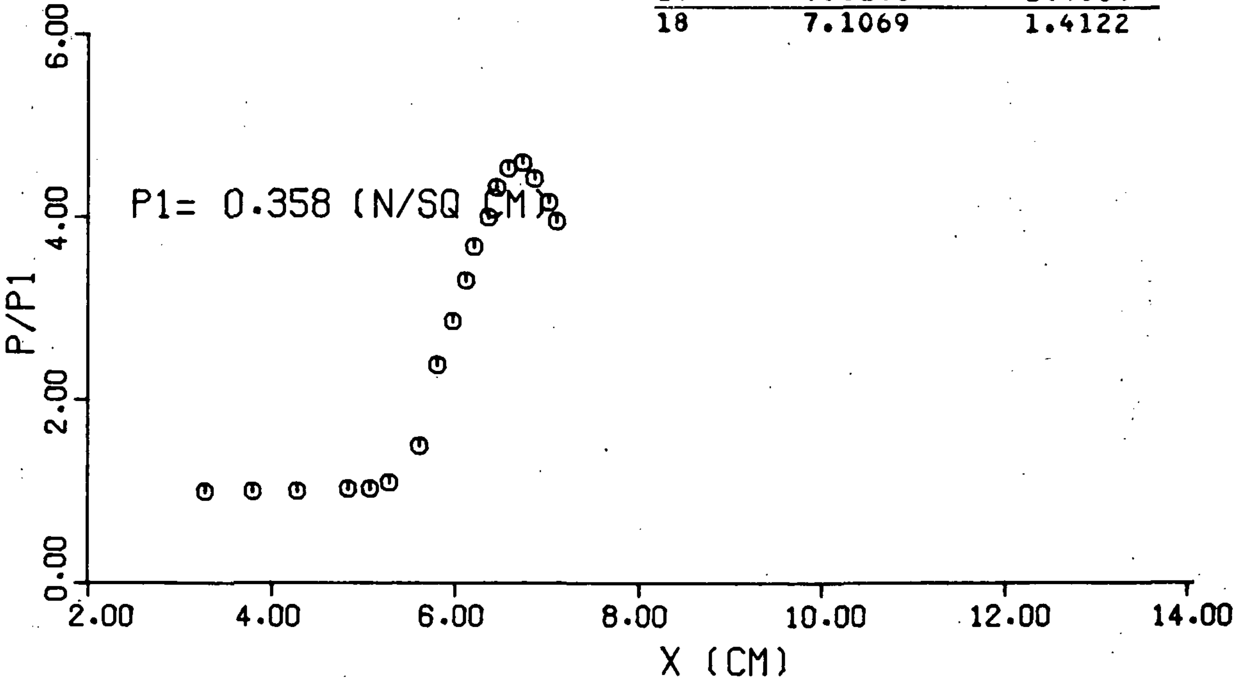
STATION X= 7.85 CM PTO= 25.110 N/SQ CM TTO=302.33K
R= 2.581 CM PWALL= .3691 N/SQ CM CF= .00155 PI = .700
UE= 666.6 M/SEC RHOE=.00493 KG/CUB M RE= 19.048E6 /M
DELTA= .440 CM DELTA*= .1528 CM THETA= .0195 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.014699	.000000	1.000000	.267954	.000000
2	.012700	.034663	.545112	1.000000	.342444	1.178977
3	.025400	.056252	.680825	1.000000	.405573	1.602487
4	.038100	.066560	.724524	1.000000	.435185	1.766502
5	.050800	.074569	.752898	1.000000	.458013	1.883214
6	.063500	.080071	.770238	1.000000	.473666	1.959228
7	.076200	.086339	.788207	1.000000	.491477	2.042285
8	.088900	.091771	.802602	1.000000	.507068	2.112309
9	.101600	.093721	.807445	1.000000	.512605	2.136628
10	.114300	.103680	.830230	1.000000	.540868	2.256670
11	.127000	.109182	.841580	1.000000	.556471	2.320282
12	.139700	.116912	.856258	1.000000	.578384	2.406782
13	.152400	.122414	.865903	1.000000	.593973	2.466475
14	.165100	.130632	.879220	1.000000	.617251	2.553009
15	.177800	.138153	.890397	1.000000	.638549	2.629691
16	.190500	.144700	.899529	1.000000	.657293	2.695374
17	.203200	.152361	.909366	1.000000	.678989	2.769454
18	.215900	.158489	.916723	1.000000	.696342	2.827312
19	.228600	.165802	.924964	1.000000	.717045	2.894824
20	.241300	.173463	.933029	1.000000	.738730	2.963892
21	.254000	.182377	.941758	1.000000	.763961	3.042278
22	.266700	.189272	.948072	1.000000	.783473	3.101539
23	.279400	.198674	.956129	1.000000	.810077	3.180563
24	.292100	.205151	.961342	1.000000	.828403	3.233874
25	.304800	.215806	.969378	1.000000	.858549	3.319708
26	.317500	.221726	.973576	1.000000	.875296	3.366445
27	.330200	.229874	.979071	1.000000	.898345	3.429732
28	.342900	.236699	.983500	1.000000	.917924	3.482586
29	.355600	.242897	.987293	1.000000	.935465	3.529264
30	.368300	.248121	.990371	1.000000	.950245	3.568124
31	.381000	.252717	.992993	1.000000	.963252	3.601973
32	.393700	.257035	.995387	1.000000	.975470	3.633483
33	.406400	.261005	.997530	1.000000	.986702	3.662211
34	.419100	.262537	.998343	1.000000	.991037	3.673239
35	.431800	.264557	.999403	1.000000	.996752	3.687726
36	.444500	.266298	1.000307	1.000000	1.001678	3.700168
37	.457200	.267342	1.000844	1.000000	1.004634	3.707614
38	.469900	.267969	1.001165	1.000000	1.006408	3.712074
39	.482600	.268387	1.001378	1.000000	1.007590	3.715044
40	.495300	.268387	1.001378	1.000000	1.007590	3.715044
41	.508000	.268317	1.001342	1.000000	1.007393	3.714549
42	.520700	.267969	1.001165	1.000000	1.006408	3.712074
43	.533400	.296871	1.014722	1.000000	1.088178	3.912203

ID NO. 12415-015

PTO= 25.1349 N/SQ CM
TTO= 303.6111 K
PBAR= 764.9000 MMHG
TMAN= 300.5556 K

I	X(CM)	P(N/SQ CM)
1	3.2766	.3576
2	3.7998	.3576
3	4.2875	.3590
4	4.8463	.3683
5	5.0825	.3683
6	5.2934	.3923
7	5.6185	.5356
8	5.8115	.8508
9	5.9817	1.0216
10	6.1265	1.1797
11	6.2179	1.3124
12	6.3678	1.4273
13	6.4541	1.5439
14	6.5786	1.6166
15	6.7412	1.6389
16	6.8656	1.5778
17	7.0180	1.4869
18	7.1069	1.4122



ID NO. 12415 -015

STATION X= 4.[illegible] CM PTO= 25.134 N/SQ CM TTO=305.94K
R= 2.581 CM PWALL= .3689 N/SQ CM CF= .00158 PT *= .638
UE= 673.9 M/SEC RHOE=.00495 KG/CUB M RE= 19.399E6 /M
DELTA= .430 CM DELTA*= .1473 CM THETA= .0184 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.014679	.000000	1.000000	.262952	.000000
2	.012700	.035312	.557495	1.000000	.341082	1.218870
3	.025400	.060176	.696450	1.000000	.409264	1.667962
4	.038100	.070682	.737470	1.000000	.438877	1.828986
5	.050800	.078544	.763320	1.000000	.460872	1.939953
6	.063500	.084597	.781058	1.000000	.477790	2.021118
7	.076200	.090163	.795966	1.000000	.493312	2.092906
8	.088900	.095858	.810182	1.000000	.509394	2.164733
9	.101600	.101717	.823474	1.000000	.525693	2.235168
10	.114300	.108183	.837030	1.000000	.543727	2.310606
11	.127000	.115419	.850926	1.000000	.563895	2.392110
12	.139700	.122515	.863421	1.000000	.583646	2.469402
13	.152400	.129264	.874390	1.000000	.602432	2.540701
14	.165100	.136917	.885877	1.000000	.623729	2.619184
15	.177800	.145058	.897216	1.000000	.646584	2.700871
16	.190500	.152502	.906712	1.000000	.667302	2.772843
17	.203200	.161199	.916972	1.000000	.691501	2.854610
18	.215900	.168156	.924600	1.000000	.710857	2.918263
19	.228600	.176575	.933215	1.000000	.734274	2.993680
20	.241300	.184715	.940970	1.000000	.756914	3.064738
21	.254000	.193064	.948394	1.000000	.780132	3.135938
22	.266700	.201413	.955336	1.000000	.803347	3.205549
23	.279400	.209971	.961999	1.000000	.827141	3.275359
24	.292100	.219016	.968591	1.000000	.852287	3.347554
25	.304800	.225834	.973280	1.000000	.871241	3.400962
26	.317500	.234044	.978696	1.000000	.894328	3.464900
27	.330200	.240932	.982960	1.000000	.913483	3.517067
28	.342900	.247263	.986710	1.000000	.931090	3.564344
29	.355600	.253386	.990190	1.000000	.948115	3.609471
30	.368300	.258743	.993125	1.000000	.963012	3.648499
31	.381000	.262291	.995015	1.000000	.972878	3.674119
32	.393700	.265631	.996755	1.000000	.982164	3.698070
33	.406400	.269344	.998143	1.000000	.989709	3.717416
34	.419100	.270779	.999370	1.000000	.996480	3.734692
35	.431800	.272240	1.000097	1.000000	1.000542	3.745020
36	.444500	.273145	1.000543	1.000000	1.003057	3.751399
37	.457200	.273632	1.000783	1.000000	1.004411	3.754829
38	.469900	.273980	1.000954	1.000000	1.005378	3.757277
39	.482600	.273910	1.000920	1.000000	1.005185	3.756788
40	.495300	.273702	1.000817	1.000000	1.004604	3.755319
41	.508000	.273702	1.000817	1.000000	1.004604	3.755319
42	.520700	.273702	1.000817	1.000000	1.004604	3.755319
43	.533400	.274397	1.001158	1.000000	1.006539	3.760213

ID NO. 12415-017

STATION X= 5.08 CM PTO= 25.134 N/SQ CM TTO=306.94K
R= 2.581 CM PWALL= .3689 N/SQ CM CF= .00153 PI = .715
UE= 674.2 M/SEC RHOE=.00496 KG/CUB M RE= 19.481E6 /M
DELTA= .432 CM DELTA*= .1532 CM THETA= .0190 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.014679	.000000	1.000000	.262461	.000000
2	.012700	.034294	.540365	1.000000	.334497	1.171464
3	.025400	.054749	.671523	1.000000	.393252	1.578490
4	.038100	.067482	.725640	1.000000	.429105	1.781757
5	.050800	.075344	.752962	1.000000	.451079	1.895592
6	.063500	.081257	.771226	1.000000	.467578	1.976761
7	.076200	.087450	.788591	1.000000	.484833	2.058230
8	.088900	.093016	.803025	1.000000	.500498	2.129491
9	.101600	.098790	.816688	1.000000	.516577	2.200238
10	.114300	.104913	.830045	1.000000	.533615	2.272800
11	.127000	.111801	.843852	1.000000	.552772	2.351716
12	.139700	.118828	.856774	1.000000	.572307	2.429551
13	.152400	.126064	.869003	1.000000	.592414	2.507145
14	.165100	.131978	.878279	1.000000	.608843	2.568804
15	.177800	.140674	.890885	1.000000	.632996	2.656856
16	.190500	.147841	.900549	1.000000	.653106	2.728000
17	.203200	.155633	.910201	1.000000	.674750	2.802556
18	.215900	.163982	.919775	1.000000	.697936	2.880282
19	.228600	.172122	.928429	1.000000	.720539	2.954084
20	.241300	.179984	.936216	1.000000	.742366	3.023644
21	.254000	.188890	.944431	1.000000	.767087	3.100543
22	.266700	.196195	.950734	1.000000	.787363	3.162222
23	.279400	.204753	.957669	1.000000	.811114	3.232972
24	.292100	.213937	.964622	1.000000	.836600	3.307209
25	.304800	.221103	.969727	1.000000	.856485	3.363994
26	.317500	.229313	.975262	1.000000	.879265	3.427689
27	.330200	.236549	.979943	1.000000	.899609	3.483961
28	.342900	.243645	.984258	1.000000	.919307	3.537406
29	.355600	.249629	.987741	1.000000	.935915	3.581847
30	.368300	.255334	.990939	1.000000	.951750	3.623712
31	.381000	.259926	.993428	1.000000	.964494	3.657059
32	.393700	.263683	.995412	1.000000	.974921	3.684117
33	.406400	.265979	.996602	1.000000	.981294	3.700556
34	.419100	.268275	.997775	1.000000	.987666	3.716921
35	.431800	.270084	.998688	1.000000	.992686	3.729764
36	.444500	.371385	1.037538	1.000000	1.273773	4.389304
37	.457200	.447013	1.056438	1.000000	1.483991	4.823475
38	.469900	.449100	1.056879	1.000000	1.489783	4.835399
39	.482600	.450352	1.057142	1.000000	1.493258	4.842240
40	.495300	.451396	1.057360	1.000000	1.496154	4.847934
41	.508000	.453483	1.057794	1.000000	1.501947	4.859301
42	.520700	.454874	1.058081	1.000000	1.505808	4.866865
43	.533400	.456475	1.058409	1.000000	1.510249	4.875548

STATION X= 5.31 CM PTO= 25.134 N/SQ CM TTO=306.94K
R= 2.581 CM PWALL= .3929 N/SQ CM CF= .00183 PT = .871
UE= 645.7 M/SEC RHOE=.00429 KG/CUB M RE= 12.95456 /M
DELTA= .305 CM DELTA*= .1159 CM THETA= .0179 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.015634	.000000	1.000000	.323326	.000000
2	.012700	.033042	.532213	1.000000	.399992	1.088842
3	.025400	.051271	.665097	1.000000	.461452	1.461512
4	.038100	.064142	.727067	1.000000	.503395	1.668718
5	.050800	.072630	.760322	1.000000	.531069	1.792369
6	.063500	.079031	.782199	1.000000	.551762	1.879520
7	.076200	.084667	.799671	1.000000	.569954	1.952924
8	.088900	.090163	.815226	1.000000	.587677	2.021877
9	.101600	.095172	.828546	1.000000	.603816	2.092693
10	.114300	.101921	.845124	1.000000	.625757	2.162606
11	.127000	.108252	.859259	1.000000	.646141	2.234300
12	.139700	.114862	.872863	1.000000	.667410	2.306729
13	.152400	.122237	.886826	1.000000	.691130	2.384912
14	.165100	.128429	.897673	1.000000	.711038	2.448604
15	.177800	.135804	.909668	1.000000	.734740	2.522341
16	.190500	.143318	.920969	1.000000	.758882	2.595293
17	.203200	.151458	.932285	1.000000	.785029	2.672057
18	.215900	.156833	.941699	1.000000	.808977	2.740479
19	.228600	.167043	.951747	1.000000	.835352	2.813911
20	.241300	.175114	.960749	1.000000	.861276	2.884265
21	.254000	.184159	.970123	1.000000	.890323	2.961112
22	.266700	.192577	.978240	1.000000	.917356	3.030879
23	.279400	.200996	.985830	1.000000	.944386	3.099067
24	.292100	.209206	.992773	1.000000	.970742	3.16[illegible]144
25	.304800	.218320	1.000000	1.000000	1.000000	3.234850
26	.317500	.226112	1.005813	1.000000	1.025012	3.294092
27	.330200	.233905	1.011317	1.000000	1.050022	3.352284
28	.342900	.241210	1.016219	1.000000	1.073468	3.405933
29	.355600	.291652	1.044579	1.000000	1.235718	3.756255
30	.368300	.419670	1.089818	1.000000	1.647062	4.524340
31	.381000	.430662	1.092607	1.000000	1.682290	4.584250
32	.393700	.439985	1.094876	1.000000	1.712217	4.634453
33	.406400	.445899	1.096273	1.000000	1.731200	4.666017
34	.419100	.449448	1.097095	1.000000	1.742590	4.684853
35	.431800	.451396	1.097542	1.000000	1.748843	4.695163
36	.444500	.452787	1.097859	1.000000	1.753310	4.702513
37	.457200	.454457	1.098237	1.000000	1.758670	4.711318
38	.469900	.455918	1.098565	1.000000	1.763360	4.719008
39	.482600	.457657	1.098955	1.000000	1.768943	4.728148
40	.495300	.458701	1.099198	1.000000	1.772293	4.733623
41	.508000	.461276	1.099757	1.000000	1.780556	4.747101
42	.520700	.463154	1.100168	1.000000	1.786586	4.756912
43	.533400	.464963	1.100562	1.000000	1.792392	4.756341

ID NO. 12415-019

STATION X= 5.56 CM PTO= 25.134 N/SQ CM TTO=306.94K
R= 2.581 CM PWALL= .5363 N/SQ CM CF= .00078 PI =2.176
UE= 686.9 M/SEC RHOE=.00807 KG/CU M RE= 36.58E6 /M
DELTA= .414 CM DELTA*= .1922 CM THETA= .0193 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.021337	.000000	1.000000	.234311	.000000
2	.012700	.032903	.389891	1.000000	.265177	.811569
3	.025400	.049601	.528896	1.000000	.298177	1.167407
4	.038100	.063794	.600123	1.000000	.323528	1.379782
5	.050800	.072352	.634115	1.000000	.338544	1.491385
6	.063500	.078961	.657027	1.000000	.349998	1.571197
7	.076200	.083971	.672887	1.000000	.358650	1.628892
8	.088900	.088511	.687627	1.000000	.367283	1.684488
9	.101600	.094407	.702682	1.000000	.376747	1.743405
10	.114300	.100321	.717709	1.000000	.386914	1.804550
11	.127000	.107139	.735707	1.000000	.398617	1.872472
12	.139700	.113888	.748318	1.000000	.410197	1.937277
13	.152400	.120359	.761317	1.000000	.421269	1.997376
14	.165100	.127107	.773942	1.000000	.432817	2.058142
15	.177800	.134761	.787380	1.000000	.446054	2.125653
16	.190500	.141996	.799053	1.000000	.458428	2.186885
17	.203200	.149764	.810761	1.000000	.471748	2.250931
18	.215900	.158207	.822511	1.000000	.486131	2.318104
19	.228600	.178941	.848086	1.000000	.521528	2.475675
20	.241300	.231122	.897190	1.000000	.610728	2.834151
21	.254000	.283720	.932260	1.000000	.700412	3.153758
22	.266700	.309533	.946008	1.000000	.744409	3.299245
23	.279400	.333118	.957073	1.000000	.784602	3.426766
24	.292100	.359696	.968187	1.000000	.830141	3.565739
25	.304800	.382934	.976819	1.000000	.869752	3.682358
26	.317500	.405268	.984341	1.000000	.907819	3.791051
27	.330200	.424262	.990219	1.000000	.940191	3.881091
28	.342900	.436089	.993663	1.000000	.960349	3.936117
29	.355600	.443812	.995825	1.000000	.973510	3.971633
30	.368300	.450352	.997613	1.000000	.984656	4.001463
31	.381000	.453970	.998582	1.000000	.990922	4.017870
32	.393700	.456614	.999291	1.000000	.995327	4.029817
33	.406400	.458701	.999829	1.000000	.998894	4.039224
34	.419100	.459953	1.000156	1.000000	1.001019	4.044857
35	.431800	.461832	1.000643	1.000000	1.004220	4.053293
36	.444500	.462186	1.000733	1.000000	1.004813	4.054853
37	.457200	.463084	1.000966	1.000000	1.006354	4.058987
38	.469900	.464198	1.001251	1.000000	1.008251	4.063890
39	.482600	.465659	1.001625	1.000000	1.010741	4.070422
40	.495300	.467746	1.002155	1.000000	1.014298	4.079735
41	.508000	.467398	1.002066	1.000000	1.013705	4.078165
42	.520700	.467050	1.001978	1.000000	1.013112	4.076633
43	.533400	.469059	1.002488	1.000000	1.016551	4.085622

ID NO. 12415-020

STATION X= 5.84 CM PTO= 25.134 N/SQ CM TTO=306.94K

R= 2.581 CM PWALL= .8515 N/SQ CM CF= .00087 PT[illegible]=2.606

UE= 636.8 M/SEC RHOE=.00878 KG/CUB M RE= 24.727E6 /M

DELTA= .305 CM DELTA*= .1365 CM THETA= .0198 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.033876	.000000	1.000000	.341915	.000000
2	.012700	.038686	.242323	1.000000	.355659	.448309
3	.025400	.049879	.398776	1.000000	.381879	.764467
4	.038100	.067621	.523584	1.000000	.417177	1.049091
5	.050800	.080840	.578916	1.000000	.438664	1.189454
6	.063500	.094407	.626549	1.000000	.461014	1.319711
7	.076200	.106879	.668618	1.000000	.484434	1.443650
8	.088900	.123976	.705589	1.000000	.508524	1.560897
9	.101600	.138796	.736891	1.000000	.532036	1.667401
10	.114300	.154241	.765627	1.000000	.556647	1.772041
11	.127000	.169757	.790895	1.000000	.581134	1.870552
12	.139700	.185411	.813578	1.000000	.605795	1.964395
13	.152400	.202179	.835282	1.000000	.632173	2.060238
14	.165100	.221242	.857406	1.000000	.662355	2.164704
15	.177800	.240306	.876973	1.000000	.692305	2.263608
16	.190500	.260691	.895679	1.000000	.724309	2.364728
17	.203200	.281911	.913108	1.000000	.757605	2.465529
18	.215900	.304245	.929554	1.000000	.792630	2.567300
19	.228600	.328527	.945573	1.000000	.830696	2.673514
20	.241300	.353017	.960171	1.000000	.869364	2.777255
21	.254000	.378133	.973562	1.000000	.908739	2.879051
22	.266700	.400397	.984360	1.000000	.943634	2.966249
23	.279400	.418139	.992332	1.000000	.971437	3.034107
24	.292100	.429410	.997133	1.000000	.989098	3.076374
25	.304800	.436368	1.000000	1.000000	1.000000	3.102176
26	.317500	.441238	1.001965	1.000000	1.007631	3.120110
27	.330200	.446108	1.003897	1.000000	1.015261	3.137941
28	.342900	.449239	1.005122	1.000000	1.020167	3.149350
29	.355600	.450839	1.005743	1.000000	1.022674	3.155165
30	.368300	.454169	1.007001	1.000000	1.027797	3.167015
31	.381000	.457240	1.008193	1.000000	1.032702	3.178320
32	.393700	.459049	1.008875	1.000000	1.035536	3.184833
33	.406400	.462180	1.010047	1.000000	1.040441	3.196074
34	.419100	.464476	1.010898	1.000000	1.044038	3.204292
35	.431800	.465241	1.011181	1.000000	1.045237	3.207027
36	.444500	.465311	1.011206	1.000000	1.045346	3.207275
37	.457200	.466493	1.011641	1.000000	1.047199	3.211497
38	.469900	.467328	1.011947	1.000000	1.048507	3.214473
39	.482600	.466911	1.011794	1.000000	1.047853	3.212985
40	.495300	.467259	1.011921	1.000000	1.048398	3.214225
41	.508000	.466493	1.011641	1.000000	1.047199	3.211497
42	.520700	.465311	1.011206	1.000000	1.045346	3.207275
43	.533400	.463850	1.010667	1.000000	1.043057	3.202053

ID NO. 12415-021

STATION X= 6.10 CM PTO= 25.134 N/SQ CM TTO=306.94K
R= 2.581 CM PWALL= 1.1803 N/SQ CM CF= .00164 PT =1.322
UE= 592.3 M/SEC RHOE=.00971 KG/CUB M RE= 20.27456 /M
DELTA= .267 CM DELTA*= .0963 CM THETA= .0187 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.045561	.000000	1.000000	.428830	.000000
2	.012700	.100643	.531888	1.000000	.531648	1.094904
3	.025400	.108252	.609567	1.000000	.544360	1.160618
4	.038100	.123350	.653180	1.000000	.567090	1.269257
5	.050800	.141092	.696374	1.000000	.593111	1.383598
6	.063500	.160642	.735680	1.000000	.621620	1.499265
7	.076200	.178941	.769480	1.000000	.647965	1.598447
8	.088900	.201205	.804269	1.000000	.680100	1.711642
9	.101600	.219155	.828858	1.000000	.705774	1.796959
10	.114300	.233209	.846412	1.000000	.725829	1.860916
11	.127000	.239636	.852635	1.000000	.733570	1.885010
12	.139700	.253603	.869842	1.000000	.755137	1.950721
13	.152400	.278850	.895234	1.000000	.790850	2.054512
14	.165100	.302923	.917134	1.000000	.825357	2.150199
15	.177800	.329918	.939009	1.000000	.863733	2.251844
16	.190500	.351347	.954539	1.000000	.894175	2.329324
17	.203200	.373402	.969307	1.000000	.925492	2.406428
18	.215900	.390666	.980162	1.000000	.950290	2.465747
19	.228600	.404711	.988292	1.000000	.969927	2.511771
20	.241300	.414730	.993933	1.000000	.984142	2.544550
21	.254000	.420783	.997247	1.000000	.992729	2.564149
22	.266700	.425931	1.000012	1.000000	1.000033	2.580700
23	.279400	.429826	1.002073	1.000000	1.005560	2.593155
24	.292100	.433098	1.002783	1.000000	1.010198	2.603562
25	.304800	.435741	1.005151	1.000000	1.013948	2.611945
26	.317500	.439635	1.007145	1.000000	1.019474	2.624251
27	.330200	.442003	1.008344	1.000000	1.022929	2.631693
28	.342900	.444090	1.009334	1.000000	1.025799	2.638243
29	.355600	.446665	1.010679	1.000000	1.029440	2.646298
30	.368300	.448464	1.011541	1.000000	1.031907	2.651727
31	.381000	.449587	1.012124	1.000000	1.033584	2.655412
32	.393700	.449587	1.012124	1.000000	1.033584	2.655412
33	.406400	.447778	1.011231	1.000000	1.031019	2.649774
34	.419100	.445422	1.010055	1.000000	1.027664	2.642382
35	.431800	.442281	1.008484	1.000000	1.023224	2.632568
36	.444500	.438872	1.006756	1.000000	1.018389	2.621838
37	.457200	.435185	1.004864	1.000000	1.013159	2.610183
38	.469900	.430802	1.002584	1.000000	1.006941	2.596260
39	.482600	.425514	.999790	1.000000	.999441	2.579362
40	.495300	.419765	.996150	1.000000	.989867	2.557633
41	.508000	.413686	.993354	1.000000	.982662	2.541155
42	.520700	.408607	.990509	1.000000	.975456	2.524569
43	.533400	.402624	.987092	1.000000	.966966	2.504886

ID NO. 12415-022

STATION X= 6.32 CM PTO= 25.134 N/SQ CM TTO=306.94K

R= 2.581 CM PWALL= 1.4279 N/SQ CM CF= .00231 PT = .548

UE= 561.6 M/SEC RHOE=.01032 KG/CUB M RE= 18.14756 /M

DELTA= .305 CM DELTA*= .0489 CM THETA= .0100 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.056812	.000000	1.000000	.488159	.000000
2	.012700	.108113	.575032	1.000000	.587610	1.009272
3	.025400	.119176	.609012	1.000000	.602546	1.082412
4	.038100	.133439	.650518	1.000000	.623127	1.175762
5	.050800	.153754	.700196	1.000000	.651698	1.294238
6	.063500	.179149	.751507	1.000000	.685722	1.426109
7	.076200	.212197	.806540	1.000000	.731925	1.579797
8	.088900	.251159	.859192	1.000000	.784628	1.742593
9	.101600	.300349	.912481	1.000000	.850703	1.927012
10	.114300	.349260	.955394	1.000000	.916210	2.093860
11	.127000	.409094	.998352	1.000000	.996559	2.261953
12	.139700	.469024	1.032852	1.000000	1.075296	2.452302
13	.152400	.533285	1.064547	1.000000	1.162420	2.627957
14	.165100	.535860	1.065682	1.000000	1.165856	2.634643
15	.177800	.439707	1.017077	1.000000	1.037471	2.371944
16	.190500	.406520	.996690	1.000000	.993117	2.274216
17	.203200	.409442	.998575	1.000000	.997024	2.282997
18	.215900	.411738	1.000044	1.000000	1.000092	2.289871
19	.228600	.412782	1.000708	1.000000	1.001488	2.292989
20	.241300	.413408	1.001106	1.000000	1.002325	2.294858
21	.254000	.414451	1.001766	1.000000	1.003720	2.297969
22	.266700	.414591	1.001854	1.000000	1.003906	2.298381
23	.279400	.413786	1.001325	1.000000	1.002790	2.295695
24	.292100	.412503	1.000531	1.000000	1.001116	2.292158
25	.304800	.411668	1.000000	1.000000	1.000000	2.289663
26	.317500	.410625	.999334	1.000000	.998605	2.286541
27	.330200	.409585	.998218	1.000000	.996280	2.281327
28	.342900	.407146	.997095	1.000000	.993954	2.276101
29	.355600	.404154	.995149	1.000000	.989955	2.267084
30	.368300	.401580	.993459	1.000000	.986513	2.259295
31	.381000	.398449	.991383	1.000000	.982327	2.249786
32	.393700	.395459	.989379	1.000000	.978326	2.240661
33	.406400	.392257	.987212	1.000000	.974046	2.230858
34	.419100	.388778	.984829	1.000000	.969294	2.220152
35	.431800	.385300	.982417	1.000000	.964741	2.209393
36	.444500	.382030	.980123	1.000000	.960367	2.199231
37	.457200	.379038	.978001	1.000000	.956365	2.189691
38	.469900	.374794	.974951	1.000000	.950697	2.176572
39	.482600	.370828	.972059	1.000000	.945391	2.164052
40	.495300	.366932	.969177	1.000000	.940157	2.151675
41	.508000	.362276	.965675	1.000000	.933929	2.136775
42	.520700	.358026	.962433	1.000000	.928248	2.123113
43	.533400	.353572	.958977	1.000000	.922297	2.108692

STATION X= 6.60 CM PTO= 25.134 N/SQ CM TTO=306.94K
R= 2.581 CM PWALL= 1.6172 N/SQ CM CF= .00342 PI =-.168
UE= 518.2 M/SEC RHOE=.01011 KG/CUB M RE= 14.387E6 /M
DELTA= .325 CM DELTA*=-.0146 CM THETA=-.0133 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.064344	.000000	1.000000	.564253	.000000
2	.012700	.120359	.613171	1.000000	.674808	.989776
3	.025400	.132882	.653646	1.000000	.693334	1.069496
4	.038100	.151458	.705862	1.000000	.720728	1.177527
5	.050800	.173931	.758437	1.000000	.752993	1.293243
6	.063500	.202248	.813449	1.000000	.792861	1.423292
7	.076200	.238775	.871902	1.000000	.843756	1.573770
8	.088900	.283372	.929933	1.000000	.905446	1.738795
9	.101600	.333397	.982595	1.000000	.974044	1.905590
10	.114300	.389405	1.030723	1.000000	1.050619	2.076013
11	.127000	.453413	1.075825	1.000000	1.138372	2.255534
12	.139700	.514083	1.111072	1.000000	1.221119	2.412606
13	.152400	.571760	1.139567	1.000000	1.299722	2.552880
14	.165100	.613296	1.157658	1.000000	1.356301	2.649256
15	.177800	.629994	1.164568	1.000000	1.379483	2.687747
16	.190500	.631038	1.164982	1.000000	1.380905	2.690090
17	.203200	.624498	1.162236	1.000000	1.371556	2.674647
18	.215900	.613644	1.157802	1.000000	1.356775	2.650048
19	.228600	.589084	1.147336	1.000000	1.323323	2.593517
20	.241300	.409442	1.045980	1.000000	1.078341	2.134356
21	.254000	.366167	1.011920	1.000000	1.018869	2.007108
22	.266700	.361088	1.007602	1.000000	1.011926	1.991722
23	.279400	.359000	1.005804	1.000000	1.009072	1.985364
24	.292100	.357400	1.004417	1.000000	1.006884	1.980475
25	.304800	.354965	1.002291	1.000000	1.003554	1.973011
26	.317500	.353713	1.001190	1.000000	1.001842	1.969162
27	.330200	.351277	.999034	1.000000	.998511	1.961654
28	.342900	.349051	.997047	1.000000	.995466	1.954763
29	.355600	.347520	.995671	1.000000	.993372	1.950012
30	.368300	.345364	.993719	1.000000	.990421	1.943296
31	.381000	.342789	.991368	1.000000	.986899	1.935249
32	.393700	.340215	.988995	1.000000	.983377	1.927167
33	.406400	.337919	.986858	1.000000	.980234	1.919929
34	.419100	.335554	.984638	1.000000	.976996	1.912442
35	.431800	.332631	.981867	1.000000	.972996	1.903152
36	.444500	.330196	.979534	1.000000	.969662	1.895374
37	.457200	.327900	.977314	1.000000	.966518	1.888011
38	.469900	.325256	.974733	1.000000	.962897	1.879495
39	.482600	.322543	.972056	1.000000	.959181	1.870712
40	.495300	.319830	.969351	1.000000	.955463	1.861887
41	.508000	.317186	.966686	1.000000	.951841	1.853247
42	.520700	.313777	.963209	1.000000	.947168	1.842043
43	.533400	.310924	.960263	1.000000	.943258	1.832613

STATION X= 6.83 CM PTO= 25.134 N/SQ CM TTO=306.94K
R= 2.581 CM PWALL= 1.5785 N/SQ CM CF= .00347 PI =-.203
UE= 523.8 M/SEC RHOE=.01003 KG/CUB M RE= 14.653E6 /M
DELTA= .311 CM DELTA*=-.0343 CM THETA=-.0203 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.062802	.000000	1.000000	.554835	.000000
2	.012700	.131143	.650981	1.000000	.683842	1.078226
3	.025400	.149441	.702805	1.000000	.711220	1.187137
4	.038100	.167809	.746144	1.000000	.737652	1.283547
5	.050800	.190838	.792831	1.000000	.770414	1.393819
6	.063500	.218598	.840689	1.000000	.809533	1.515012
7	.076200	.252829	.890093	1.000000	.857138	1.650534
8	.088900	.292417	.938133	1.000000	.912237	1.794659
9	.101600	.337780	.983787	1.000000	.974844	1.945506
10	.114300	.383699	1.022600	1.000000	1.038072	2.086812
11	.127000	.431358	1.057070	1.000000	1.103986	2.224585
12	.139700	.485348	1.090183	1.000000	1.178188	2.370120
13	.152400	.528206	1.113028	1.000000	1.237047	2.479493
14	.165100	.568421	1.132197	1.000000	1.292249	2.577857
15	.177800	.589850	1.141635	1.000000	1.321656	2.628754
16	.190500	.599521	1.145733	1.000000	1.334925	2.651402
17	.203200	.599034	1.145529	1.000000	1.334257	2.650266
18	.215900	.595346	1.143976	1.000000	1.329198	2.641650
19	.228600	.588110	1.140887	1.000000	1.319269	2.624660
20	.241300	.581083	1.137835	1.000000	1.309626	2.608054
21	.254000	.574195	1.134790	1.000000	1.300174	2.591672
22	.266700	.566542	1.131345	1.000000	1.289671	2.573346
23	.279400	.558124	1.127478	1.000000	1.278116	2.553035
24	.292100	.548940	1.123162	1.000000	1.265510	2.530689
25	.304800	.420435	1.049677	1.000000	1.088964	2.193947
26	.317500	.318995	.965886	1.000000	.948940	1.884555
27	.330200	.313916	.960814	1.000000	.941931	1.867723
28	.342900	.311829	.958699	1.000000	.939050	1.860760
29	.355600	.310228	.957066	1.000000	.936841	1.855403
30	.368300	.308698	.955493	1.000000	.934728	1.850264
31	.381000	.306889	.953622	1.000000	.932230	1.844172
32	.393700	.305358	.952028	1.000000	.930117	1.839000
33	.406400	.303132	.949690	1.000000	.927042	1.831451
34	.419100	.301531	.947997	1.000000	.924832	1.826005
35	.431800	.299514	.945846	1.000000	.922044	1.819114
36	.444500	.297496	.943677	1.000000	.919257	1.812196
37	.457200	.295478	.941489	1.000000	.916469	1.805251
38	.469900	.293391	.939205	1.000000	.913584	1.798036
39	.482600	.291513	.937133	1.000000	.910987	1.791517
40	.495300	.289217	.934577	1.000000	.907813	1.783515
41	.508000	.286990	.932074	1.000000	.904734	1.775720
42	.520700	.284833	.929626	1.000000	.901751	1.768135
43	.533400	.282259	.926674	1.000000	.898190	1.759036

ID NO. 12415-025

STATION X= 7.11 CM PTO= 25.134 N/SQ CM TTO=306.94K
R= 2.581 CM PWALL= 1.4128 N/SQ CM CF= .00303 PI =-.193
UE= 558.0 M/SEC RHOE=.01007 KG/CUB M RE= 17.383E6 /M
DELTA= .396 CM DELTA*=-.0072 CM THETA=-.0073 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.056212	.000000	1.000000	.494774	.000000
2	.012700	.135456	.664154	1.000000	.636656	1.197417
3	.025400	.162521	.727532	1.000000	.675383	1.350988
4	.038100	.179497	.760951	1.000000	.699376	1.437925
5	.050800	.200022	.796262	1.000000	.727962	1.535095
6	.063500	.220894	.827911	1.000000	.756883	1.627506
7	.076200	.247889	.864036	1.000000	.794410	1.740118
8	.088900	.272380	.892622	1.000000	.828144	1.835460
9	.101600	.303619	.924695	1.000000	.871080	1.950079
10	.114300	.338337	.955693	1.000000	.918711	2.069818
11	.127000	.375072	.984411	1.000000	.969378	2.190017
12	.139700	.413269	1.010345	1.000000	1.021697	2.307573
13	.152400	.448961	1.031764	1.000000	1.070550	2.412174
14	.165100	.486322	1.051770	1.000000	1.121661	2.516960
15	.177800	.519718	1.067884	1.000000	1.167327	2.607024
16	.190500	.537947	1.076063	1.000000	1.192247	2.654883
17	.203200	.549775	1.081277	1.000000	1.208802	2.686206
18	.215900	.553462	1.082833	1.000000	1.213845	2.695675
19	.228600	.552975	1.082628	1.000000	1.213179	2.694426
20	.241300	.549775	1.081277	1.000000	1.208802	2.686206
21	.254000	.545252	1.079229	1.000000	1.202233	2.673821
22	.266700	.540243	1.077065	1.000000	1.195385	2.660849
23	.279400	.535512	1.074994	1.000000	1.188918	2.648540
24	.292100	.529807	1.072461	1.000000	1.181119	2.633619
25	.304800	.523614	1.069667	1.000000	1.172654	2.617327
26	.317500	.517492	1.066857	1.000000	1.164283	2.601118
27	.330200	.510882	1.063768	1.000000	1.155246	2.583503
28	.342900	.504760	1.060856	1.000000	1.146874	2.567077
29	.355600	.498359	1.057756	1.000000	1.138122	2.549791
30	.368300	.490984	1.054114	1.000000	1.128036	2.529726
31	.381000	.485279	1.051241	1.000000	1.120234	2.514093
32	.393700	.434141	1.023168	1.000000	1.050270	2.369312
33	.406400	.279198	.900009	1.000000	.837523	1.861101
34	.419100	.266953	.886573	1.000000	.820675	1.814783
35	.431800	.265353	.884760	1.000000	.818472	1.808640
36	.444500	.263961	.883172	1.000000	.816556	1.803279
37	.457200	.262291	.881253	1.000000	.814257	1.796825
38	.469900	.261039	.879803	1.000000	.812532	1.791968
39	.482600	.259230	.877693	1.000000	.810041	1.784929
40	.495300	.257769	.875976	1.000000	.808028	1.779222
41	.508000	.255821	.873667	1.000000	.805344	1.771583
42	.520700	.253942	.871420	1.000000	.802755	1.764184
43	.533400	.252551	.869742	1.000000	.800837	1.758682

ID NO. 12415-026

STATION X= 7.34 CM PTO= 25.134 N/SQ CM TTO=306.94K
R= 2.581 CM PWALL= 1.1104 N/SQ CM CF= .00177 PI = .803
UE= 624.6 M/SEC RHOE=.01067 KG/CUB M RE= 27.455E6 /M
DELTA= .253 CM DELTA*= .0786 CM THETA= .0140 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.044177	.000000	1.000000	.366930	.000000
2	.012700	.130516	.656424	1.000000	.504569	1.369506
3	.025400	.164399	.724166	1.000000	.549290	1.576370
4	.038100	.182976	.754548	1.000000	.573716	1.678629
5	.050800	.198491	.776987	1.000000	.593920	1.758723
6	.063500	.212684	.795679	1.000000	.612366	1.828785
7	.076200	.230078	.816546	1.000000	.634934	1.911016
8	.088900	.251298	.839424	1.000000	.662426	2.006638
9	.101600	.275997	.863236	1.000000	.694613	2.113101
10	.114300	.299305	.883111	1.000000	.724760	2.208168
11	.127000	.327831	.904763	1.000000	.761627	2.319131
12	.139700	.356217	.923875	1.000000	.798288	2.424445
13	.152400	.384604	.940962	1.000000	.834929	2.525319
14	.165100	.414869	.957301	1.000000	.873979	2.628564
15	.177800	.445482	.972265	1.000000	.913762	2.729735
16	.190500	.469555	.982930	1.000000	.944822	2.806190
17	.203200	.488618	.990815	1.000000	.969415	2.865278
18	.215900	.501838	.996016	1.000000	.986467	2.905541
19	.228600	.509491	.998934	1.000000	.996338	2.928597
20	.241300	.512413	1.000031	1.000000	1.000107	2.937352
21	.254000	.512274	.999979	1.000000	.999927	2.936936
22	.266700	.510326	.999249	1.000000	.997415	2.931101
23	.279400	.507891	.998330	1.000000	.994274	2.923791
24	.292100	.504412	.997005	1.000000	.989787	2.913317
25	.304800	.500794	.995613	1.000000	.985121	2.902383
26	.317500	.496828	.994070	1.000000	.980005	2.890350
27	.330200	.492793	.992480	1.000000	.974800	2.878054
28	.342900	.488618	.990815	1.000000	.969415	2.865278
29	.355600	.483957	.988930	1.000000	.963402	2.850943
30	.368300	.479156	.986960	1.000000	.957209	2.836104
31	.381000	.474008	.984814	1.000000	.950567	2.820103
32	.393700	.469068	.982722	1.000000	.944194	2.804664
33	.406400	.464058	.980567	1.000000	.937731	2.788919
34	.419100	.459119	.978408	1.000000	.931358	2.773305
35	.431800	.453831	.976058	1.000000	.924535	2.756493
36	.444500	.448891	.973826	1.000000	.918161	2.740693
37	.457200	.443325	.971268	1.000000	.910979	2.722780
38	.469900	.437968	.968760	1.000000	.904066	2.705425
39	.482600	.419391	.959595	1.000000	.879813	2.643642
40	.495300	.258604	.846727	1.000000	.671882	2.038492
41	.508000	.234113	.821101	1.000000	.640165	1.929576
42	.520700	.232513	.819307	1.000000	.638091	1.922238
43	.533400	.231191	.817813	1.000000	.636377	1.916154

ID NO. 12415-027

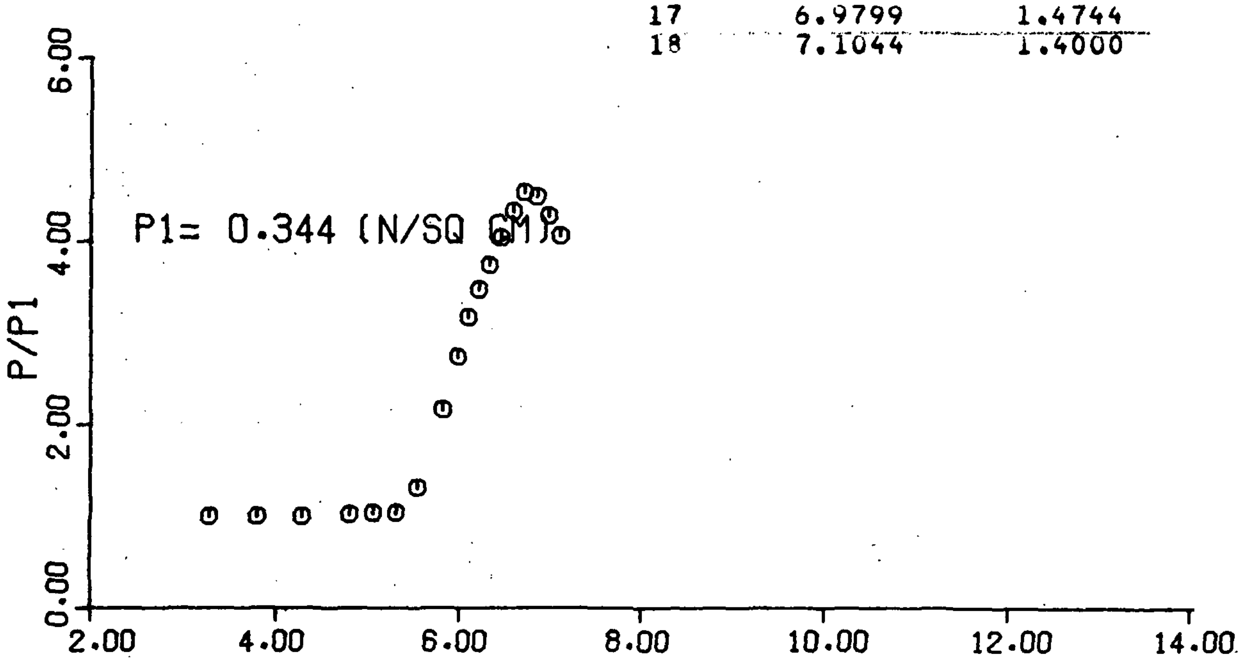
STATION X= 7.59 CM PTO= 25.134 N/SQ CM TTO=306.94K
R= 2.581 CM PWALL= 1.0445 N/SQ CM CF= .00187 PI = .656
UE= 621.9 M/SEC RHOE=.00989 KG/CUB M RE= 24.959E6 /M
DELTA= .292 CM DELTA*= .0841 CM THETA= .0154 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.041558	.000000	1.000000	.372458	.000000
2	.012700	.121820	.656950	1.000000	.510802	1.362782
3	.025400	.158973	.735219	1.000000	.563660	1.602113
4	.038100	.181097	.771986	1.000000	.594972	1.728325
5	.050800	.191951	.787951	1.000000	.610207	1.786510
6	.063500	.201970	.801716	1.000000	.624250	1.838516
7	.076200	.213589	.816637	1.000000	.640518	1.896979
8	.088900	.229034	.834940	1.000000	.662118	1.971927
9	.101600	.245872	.853156	1.000000	.685638	2.050424
10	.114300	.262848	.870097	1.000000	.709569	2.127320
11	.127000	.283651	.888790	1.000000	.738601	2.217030
12	.139700	.304871	.906037	1.000000	.768194	2.304885
13	.152400	.325952	.921611	1.000000	.797577	2.388921
14	.165100	.349260	.937271	1.000000	.830048	2.478475
15	.177800	.371315	.950784	1.000000	.860761	2.560302
16	.190500	.395736	.964464	1.000000	.894758	2.647929
17	.203200	.415565	.974805	1.000000	.922654	2.717723
18	.215900	.434350	.983859	1.000000	.948809	2.781571
19	.228600	.449308	.990663	1.000000	.969634	2.831375
20	.241300	.460301	.995451	1.000000	.984935	2.867421
21	.254000	.467120	.998335	1.000000	.994426	2.889551
22	.266700	.470251	.999638	1.000000	.998783	2.899656
23	.279400	.471225	1.000041	1.000000	1.000139	2.902792
24	.292100	.471085	.999984	1.000000	.999945	2.902344
25	.304800	.469276	.999234	1.000000	.997428	2.896516
26	.317500	.467328	.998422	1.000000	.994716	2.890226
27	.330200	.464893	.997400	1.000000	.991327	2.882344
28	.342900	.462319	.996311	1.000000	.987744	2.873988
29	.355600	.459397	.995063	1.000000	.983676	2.864472
30	.368300	.456544	.993834	1.000000	.979706	2.855153
31	.381000	.453135	.992349	1.000000	.974960	2.843975
32	.393700	.450004	.990971	1.000000	.970602	2.833670
33	.406400	.447778	.989982	1.000000	.967503	2.826320
34	.419100	.443742	.988171	1.000000	.961885	2.812947
35	.431800	.440403	.986653	1.000000	.957236	2.801832
36	.444500	.436924	.985054	1.000000	.952393	2.790206
37	.457200	.433098	.983273	1.000000	.947066	2.777360
38	.469900	.430106	.981865	1.000000	.942901	2.767276
39	.482600	.426349	.980075	1.000000	.937670	2.754559
40	.495300	.422661	.978295	1.000000	.932536	2.742020
41	.508000	.419530	.976766	1.000000	.928176	2.731327
42	.520700	.420713	.977346	1.000000	.929823	2.735372
43	.533400	.424749	.979305	1.000000	.935442	2.749124

ID NO. 12415-028

PTO= 25.1423 N/SQ CM
TTO= 311.4444 K
PBAR= 765.5000 MMHG
TMAN= 300.8889 K

I	X(CM)	P(N/SQ CM)
1	3.2868	.3444
2	3.8049	.3444
3	4.2875	.3437
4	4.8133	.3530
5	5.0698	.3588
6	5.3188	.3588
7	5.5575	.4528
8	5.8293	.7460
9	5.9893	.9445
10	6.1036	1.0941
11	6.2205	1.1983
12	6.3322	1.2902
13	6.4592	1.3924
14	6.5964	1.4926
15	6.7031	1.5618
16	6.8428	1.5454
17	6.9799	1.4744
18	7.1044	1.4000



ID NO. 12415 -028

STATION X= 4.83 CM PTO= 25.141 N/SQ CM TTO=312.50K
R= 2.581 CM PWALL= .3528 N/SQ CM CF= .00170 PI = .559
UE= 681.6 M/SEC RHOE=.00471 KG/CUB M RE= 18.576E6 /M
DELTA= .359 CM DELTA*= .1221 CM THETA= .0151 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.014035	.000000	1.000000	.259527	.000000
2	.012700	.038363	.585213	1.000000	.347702	1.303365
3	.025400	.060551	.708138	1.000000	.412811	1.718470
4	.038100	.074811	.760628	1.000000	.454040	1.935832
5	.050800	.083505	.786727	1.000000	.479105	2.056779
6	.063500	.090948	.806533	1.000000	.500703	2.155562
7	.076200	.097695	.822579	1.000000	.520126	2.240682
8	.088900	.104025	.836320	1.000000	.538337	2.317649
9	.101600	.111398	.850941	1.000000	.559538	2.404155
10	.114300	.119188	.864987	1.000000	.581929	2.492257
11	.127000	.127674	.878875	1.000000	.606310	2.584773
12	.139700	.137204	.893065	1.000000	.633881	2.685561
13	.152400	.145759	.904546	1.000000	.658461	2.772324
14	.165100	.155567	.916538	1.000000	.686630	2.868534
15	.177800	.163844	.925808	1.000000	.710400	2.947274
16	.190500	.174834	.937071	1.000000	.741954	3.048662
17	.203200	.183390	.945113	1.000000	.766514	3.125303
18	.215900	.193058	.953528	1.000000	.794266	3.209702
19	.228600	.202518	.961145	1.000000	.821417	3.290176
20	.241300	.211908	.968171	1.000000	.848365	3.368149
21	.254000	.220603	.974247	1.000000	.873314	3.438766
22	.266700	.229437	.980099	1.000000	.898931	3.509792
23	.279400	.237088	.984831	1.000000	.920895	3.569564
24	.292100	.244183	.989003	1.000000	.941260	3.624106
25	.304800	.250095	.992332	1.000000	.958231	3.668936
26	.317500	.255382	.995200	1.000000	.973404	3.708560
27	.330200	.259277	.997252	1.000000	.984584	3.737487
28	.342900	.261781	.998545	1.000000	.991771	3.755965
29	.355600	.264146	.999747	1.000000	.998559	3.773333
30	.368300	.265815	1.000585	1.000000	1.003350	3.785545
31	.381000	.266580	1.000966	1.000000	1.005546	3.791129
32	.393700	.267137	1.001242	1.000000	1.007143	3.795185
33	.406400	.267693	1.001517	1.000000	1.008740	3.799236
34	.419100	.267832	1.001586	1.000000	1.009139	3.800248
35	.431800	.268180	1.001757	1.000000	1.010137	3.802778
36	.444500	.268180	1.001757	1.000000	1.010137	3.802778
37	.457200	.268180	1.001757	1.000000	1.010137	3.802778
38	.469900	.267832	1.001586	1.000000	1.009139	3.800248
39	.482600	.267832	1.001586	1.000000	1.009139	3.800248
40	.495300	.268041	1.001689	1.000000	1.009738	3.801766
41	.508000	.268041	1.001689	1.000000	1.009738	3.801766
42	.520700	.268389	1.001860	1.000000	1.010736	3.804294
43	.533400	.270823	1.003047	1.000000	1.017723	3.821946

ID NO. 12415-030

STATION X= 5.08 CM PTO= 25.141 N/SQ CM TTO=312.50K
R= 2.581 CM PWALL= .3587 N/SQ CM CF= .00167 PI = .643
UE= 679.3 M/SEC RHOE=.00470 KG/CUB M RE= 18.082E6 /M
DELTA= .353 CM DELTA*= .1238 CM THETA= .0155 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.014267	.000000	1.000000	.264576	.000000
2	.012700	.034189	.548863	1.000000	.339874	1.192895
3	.025400	.057421	.692449	1.000000	.408690	1.650304
4	.038100	.071820	.749280	1.000000	.450634	1.875147
5	.050800	.081140	.778781	1.000000	.477603	2.006450
6	.063500	.088722	.799855	1.000000	.499672	2.107818
7	.076200	.095330	.816246	1.000000	.518758	2.191708
8	.088900	.102842	.833115	1.000000	.540439	2.283271
9	.101600	.109450	.846615	1.000000	.559500	2.360833
10	.114300	.117658	.861887	1.000000	.583163	2.453718
11	.127000	.125448	.875054	1.000000	.605614	2.538702
12	.139700	.133865	.888024	1.000000	.629860	2.627397
13	.152400	.141934	.899492	1.000000	.653309	2.710416
14	.165100	.152576	.913111	1.000000	.683968	2.815273
15	.177800	.160784	.922683	1.000000	.707609	2.893532
16	.190500	.169896	.932482	1.000000	.733849	2.977990
17	.203200	.179495	.941975	1.000000	.761487	3.064430
18	.215900	.189441	.951020	1.000000	.790123	3.151491
19	.228600	.198345	.958511	1.000000	.815752	3.227419
20	.241300	.207665	.965808	1.000000	.842579	3.305030
21	.254000	.216151	.972015	1.000000	.867002	3.374132
22	.266700	.226307	.979011	1.000000	.896492	3.455732
23	.279400	.234793	.984433	1.000000	.920923	3.521901
24	.292100	.241053	.988234	1.000000	.938945	3.569925
25	.304800	.247313	.991878	1.000000	.956966	3.617311
26	.317500	.252599	.994840	1.000000	.972184	3.656846
27	.330200	.257051	.997257	1.000000	.984998	3.689809
28	.342900	.260112	.998879	1.000000	.993808	3.712301
29	.355600	.262824	1.000290	1.000000	1.001616	3.732123
30	.368300	.264424	1.001112	1.000000	1.006221	3.743764
31	.381000	.265607	1.001713	1.000000	1.009625	3.752345
32	.393700	.266163	1.001995	1.000000	1.011227	3.756376
33	.406400	.267067	1.002451	1.000000	1.013830	3.762918
34	.419100	.267624	1.002730	1.000000	1.015431	3.766937
35	.431800	.269989	1.003906	1.000000	1.022238	3.783974
36	.444500	.307202	1.020394	1.000000	1.129343	4.042591
37	.457200	.442143	1.059610	1.000000	1.518057	4.867088
38	.469900	.448543	1.060949	1.000000	1.536476	4.902716
39	.482600	.450490	1.061350	1.000000	1.542082	4.913508
40	.495300	.451394	1.061536	1.000000	1.544685	4.918511
41	.508000	.452855	1.061833	1.000000	1.548889	4.926581
42	.520700	.453759	1.062017	1.000000	1.551491	4.931570
43	.533400	.454664	1.062200	1.000000	1.554094	4.936555

ID NO. 12415-031

STATION X= 5.31 CM PTO= 25.141 N/SQ CM TTO=312.50K
R= 2.581 CM PWALL= .3587 N/SQ CM CF= .00164 PI = .727
UE= 678.1 M/SEC RHOE=.00465 KG/CUB M RE= 17.691E6 /M
DELTA= .344 CM DELTA*= .1247 CM THETA= .0157 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.014267	.000000	1.000000	.267155	.000000
2	.012700	.032033	.530084	1.000000	.336435	1.138686
3	.025400	.051718	.666100	1.000000	.395877	1.552130
4	.038100	.068759	.739805	1.000000	.446073	1.829907
5	.050800	.078497	.772232	1.000000	.474544	1.970130
6	.063500	.086288	.794647	1.000000	.497278	2.075308
7	.076200	.092409	.810616	1.000000	.515298	2.155031
8	.088900	.099712	.827750	1.000000	.536589	2.245581
9	.101600	.106251	.841701	1.000000	.555637	2.323605
10	.114300	.115084	.858771	1.000000	.581359	2.424981
11	.127000	.122805	.872251	1.000000	.603829	2.510194
12	.139700	.131361	.885846	1.000000	.628719	2.601328
13	.152400	.139499	.897740	1.000000	.652596	2.685849
14	.165100	.147707	.908656	1.000000	.676475	2.767796
15	.177800	.156610	.919524	1.000000	.702371	2.854009
16	.190500	.167670	.931799	1.000000	.734533	2.957583
17	.203200	.176573	.940821	1.000000	.760419	3.038384
18	.215900	.185268	.948982	1.000000	.785696	3.115260
19	.228600	.194658	.957155	1.000000	.812991	3.196199
20	.241300	.204396	.965003	1.000000	.841294	3.278018
21	.254000	.214273	.972382	1.000000	.869998	3.358962
22	.266700	.222481	.978114	1.000000	.893850	3.424765
23	.279400	.232358	.984639	1.000000	.922826	3.503046
24	.292100	.239036	.988763	1.000000	.942237	3.554522
25	.304800	.246130	.992945	1.000000	.962861	3.608408
26	.317500	.251139	.995780	1.000000	.977418	3.645964
27	.330200	.255521	.998186	1.000000	.990155	3.678511
28	.342900	.260529	1.000854	1.000000	1.004712	3.715357
29	.355600	.289117	1.014605	1.000000	1.087799	3.919045
30	.368300	.425032	1.057710	1.000000	1.483129	4.770512
31	.381000	.444508	1.061973	1.000000	1.539733	4.880285
32	.393700	.447708	1.062642	1.000000	1.549033	4.898084
33	.406400	.449725	1.063059	1.000000	1.554895	4.909271
34	.419100	.451325	1.063388	1.000000	1.559545	4.918126
35	.431800	.452507	1.063630	1.000000	1.562981	4.924661
36	.444500	.453481	1.063828	1.000000	1.565812	4.930036
37	.457200	.455081	1.064152	1.000000	1.570461	4.938853
38	.469900	.456472	1.064432	1.000000	1.574504	4.946508
39	.482600	.457376	1.064613	1.000000	1.577132	4.951477
40	.495300	.457724	1.064683	1.000000	1.578143	4.953387
41	.508000	.459046	1.064946	1.000000	1.581984	4.960638
42	.520700	.460715	1.065277	1.000000	1.586836	4.969782
43	.533400	.461411	1.065414	1.000000	1.588857	4.973587

ID NO. 12415-032

STATION X= 5.56 CM PTO= 25.141 N/SQ CM TTO=312.50K
R= 2.581 CM PWALL= .4526 N/SQ CM CF= .00086 PI =1.628
UE= 705.6 M/SEC RHOE=.00760 KG/CUB M RE= 39.933E6 /M
DELTA= .397 CM DELTA*= .1788 CM THETA= .0162 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.018004	.000000	1.000000	.206424	.000000
2	.012700	.034815	.466953	1.000000	.249616	1.022844
3	.025400	.050326	.571379	1.000000	.278606	1.322266
4	.038100	.068550	.652612	1.000000	.311812	1.597721
5	.050800	.077802	.684429	1.000000	.328567	1.720046
6	.063500	.085314	.706864	1.000000	.342053	1.812515
7	.076200	.091922	.724636	1.000000	.353893	1.889970
8	.088900	.098460	.740687	1.000000	.365591	1.963506
9	.101600	.105416	.756318	1.000000	.378023	2.038744
10	.114300	.112093	.770246	1.000000	.390076	2.109131
11	.127000	.119188	.783745	1.000000	.402746	2.180669
12	.139700	.127326	.797957	1.000000	.417269	2.259890
13	.152400	.135604	.811195	1.000000	.432033	2.337669
14	.165100	.144785	.824631	1.000000	.448401	2.420984
15	.177800	.155080	.838340	1.000000	.466744	2.511073
16	.190500	.163914	.849111	1.000000	.482480	2.585852
17	.203200	.173582	.859980	1.000000	.499697	2.665270
18	.215900	.184433	.871267	1.000000	.519185	2.752401
19	.228600	.194658	.880956	1.000000	.537396	2.831396
20	.241300	.217612	.900162	1.000000	.578264	3.001120
21	.254000	.280492	.939801	1.000000	.690165	3.423038
22	.266700	.363961	.974706	1.000000	.838914	3.914099
23	.279400	.394566	.984354	1.000000	.893370	4.079119
24	.292100	.414807	.990068	1.000000	.929383	4.184676
25	.304800	.429623	.993959	1.000000	.955742	4.260280
26	.317500	.438526	.996189	1.000000	.971582	4.305073
27	.330200	.444856	.997727	1.000000	.982843	4.336637
28	.342900	.448334	.998556	1.000000	.989030	4.353882
29	.355600	.449934	.998934	1.000000	.991876	4.361792
30	.368300	.451186	.999228	1.000000	.994103	4.367972
31	.381000	.452855	.999618	1.000000	.997073	4.376199
32	.393700	.454107	.999909	1.000000	.999301	4.382359
33	.406400	.455359	1.000198	1.000000	1.001528	4.388510
34	.419100	.456333	1.000423	1.000000	1.003260	4.393288
35	.431800	.457794	1.000757	1.000000	1.005859	4.400446
36	.444500	.459533	1.001153	1.000000	1.008953	4.408952
37	.457200	.460019	1.001264	1.000000	1.009819	4.411331
38	.469900	.460506	1.001374	1.000000	1.010685	4.413708
39	.482600	.461132	1.001549	1.000000	1.012061	4.417483
40	.495300	.462454	1.001846	1.000000	1.014413	4.423927
41	.508000	.463984	1.002189	1.000000	1.017137	4.431376
42	.520700	.463150	1.002002	1.000000	1.015651	4.427315
43	.533400	.463150	1.002002	1.000000	1.015651	4.427315

STATION X= 5.84 CM PTO= 25.141 N/SQ CM TTO=312.50K
R= 2.581 CM PWALL= .7459 N/SQ CM CF= .00082 PI =2.793
UE= 659.9 M/SEC RHOE=.00845 KG/CUB M RE= 27.116E6 /M
DELTA= .305 CM DELTA*= .1294 CM THETA= .0161 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.029667	.000000	1.000000	.305891	.000000
2	.012700	.033146	.211955	1.000000	.315736	.401163
3	.025400	.043162	.382558	1.000000	.340478	.751894
4	.038100	.056934	.496704	1.000000	.369098	1.016445
5	.050800	.070707	.563314	1.000000	.392297	1.188429
6	.063500	.083158	.611754	1.000000	.413235	1.324618
7	.076200	.096860	.655445	1.000000	.435863	1.457561
8	.088900	.113067	.698073	1.000000	.462241	1.598641
9	.101600	.135326	.745971	1.000000	.498399	1.773889
10	.114300	.161610	.790710	1.000000	.540417	1.957932
11	.127000	.190345	.830698	1.000000	.587096	2.143946
12	.139700	.214691	.858428	1.000000	.626169	2.288050
13	.152400	.236810	.880129	1.000000	.661637	2.411413
14	.165100	.260390	.900339	1.000000	.699422	2.536245
15	.177800	.282857	.917301	1.000000	.735405	2.649664
16	.190500	.307341	.933785	1.000000	.774861	2.768692
17	.203200	.332521	.948730	1.000000	.815186	2.885272
18	.215900	.361109	.963758	1.000000	.860958	3.012136
19	.228600	.385245	.975096	1.000000	.899594	3.115204
20	.241300	.409660	.985498	1.000000	.938669	3.216086
21	.254000	.423641	.991028	1.000000	.961044	3.272451
22	.266700	.434422	.995100	1.000000	.978296	3.315259
23	.279400	.441030	.997517	1.000000	.988870	3.341224
24	.292100	.445621	.999163	1.000000	.996216	3.359144
25	.304800	.447986	1.000000	1.000000	1.000000	3.368338
26	.317500	.450073	1.000733	1.000000	1.003339	3.376430
27	.330200	.452368	1.001533	1.000000	1.007012	3.385309
28	.342900	.454594	1.002303	1.000000	1.010573	3.393896
29	.355600	.456194	1.002852	1.000000	1.013133	3.400054
30	.368300	.455846	1.002733	1.000000	1.012576	3.398717
31	.381000	.457376	1.003256	1.000000	1.015025	3.404599
32	.393700	.459185	1.003871	1.000000	1.017919	3.411538
33	.406400	.458420	1.003612	1.000000	1.016694	3.408604
34	.419100	.459672	1.004036	1.000000	1.018698	3.413404
35	.431800	.461063	1.004506	1.000000	1.020923	3.418730
36	.444500	.461480	1.004646	1.000000	1.021591	3.420326
37	.457200	.461550	1.004670	1.000000	1.021703	3.420591
38	.469900	.462106	1.004857	1.000000	1.022593	3.422718
39	.482600	.463428	1.005299	1.000000	1.024707	3.427764
40	.495300	.463984	1.005485	1.000000	1.025598	3.429886
41	.508000	.464749	1.005739	1.000000	1.026822	3.432802
42	.520700	.464541	1.005670	1.000000	1.026488	3.432007
43	.533400	.463358	1.005276	1.000000	1.024596	3.427498

STATION X= 6.10 CM PTO= 25.141 N/SQ CM TTO=312.50K
R= 2.581 CM PWALL= 1.0939 N/SQ CM CF= .00141 PI =1.729
UE= 613.4 M/SEC RHOE=.00947 KG/CUB M RE= 21.584E6 /M
DELTA= .228 CM DELTA*= .0844 CM THETA= .0154 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.043512	.000000	1.000000	.400220	.000000
2	.012700	.094704	.575452	1.000000	.499410	1.113190
3	.025400	.103190	.604380	1.000000	.512501	1.184375
4	.038100	.115502	.640736	1.000000	.530961	1.278033
5	.050800	.128092	.673291	1.000000	.549672	1.366425
6	.063500	.143881	.708931	1.000000	.572921	1.468868
7	.076200	.159949	.740390	1.000000	.596263	1.564989
8	.088900	.179773	.774269	1.000000	.624918	1.675464
9	.101600	.198901	.803082	1.000000	.652698	1.776018
10	.114300	.222411	.833837	1.000000	.686504	1.891185
11	.127000	.252252	.867375	1.000000	.729315	2.027663
12	.139700	.287378	.900928	1.000000	.779888	2.177898
13	.152400	.326608	.932274	1.000000	.836038	2.333394
14	.165100	.369386	.961014	1.000000	.897205	2.491766
15	.177800	.422458	.990711	1.000000	.973035	2.675117
16	.190500	.458698	1.008146	1.000000	1.025131	2.794117
17	.203200	.471357	1.013727	1.000000	1.043217	2.834262
18	.215900	.457724	1.007707	1.000000	1.023739	2.791004
19	.228600	.440057	.999497	1.000000	.998495	2.733921
20	.241300	.433727	.996436	1.000000	.989450	2.713176
21	.254000	.433379	.996266	1.000000	.988953	2.712031
22	.266700	.435327	.997216	1.000000	.991736	2.718434
23	.279400	.439291	.999130	1.000000	.997402	2.731422
24	.292100	.443465	1.001118	1.000000	1.003365	2.745026
25	.304800	.446456	1.002526	1.000000	1.007639	2.754735
26	.317500	.449029	1.003726	1.000000	1.011316	2.763061
27	.330200	.450629	1.004467	1.000000	1.013602	2.768224
28	.342900	.452507	1.005332	1.000000	1.016286	2.774272
29	.355600	.454107	1.006065	1.000000	1.018572	2.779414
30	.368300	.455220	1.006572	1.000000	1.020162	2.782986
31	.381000	.455498	1.006699	1.000000	1.020559	2.783878
32	.393700	.455011	1.006477	1.000000	1.019864	2.782316
33	.406400	.454246	1.006128	1.000000	1.018770	2.779861
34	.419100	.452020	1.005109	1.000000	1.015590	2.772705
35	.431800	.448821	1.003629	1.000000	1.011018	2.762387
36	.444500	.444926	1.001808	1.000000	1.005453	2.749772
37	.457200	.439500	.999231	1.000000	.997700	2.732104
38	.469900	.434492	.996810	1.000000	.990543	2.715692
39	.482600	.429206	.994209	1.000000	.982989	2.698259
40	.495300	.423641	.991311	1.000000	.974724	2.679058
41	.508000	.417381	.988108	1.000000	.965782	2.658127
42	.520700	.411538	.985056	1.000000	.957436	2.638441
43	.533400	.405973	.982090	1.000000	.949487	2.619553

ID NO. 12415-035

STATION X= 6.32 CM PTO= 25.141 N/SQ CM TTO=312.50K
R= 2.581 CM PWALL= 1.2901 N/SQ CM CF= .00288 PI =-.164
UE= 575.3 M/SEC RHOE=.00946 KG/CUB M RE= 17.287E6 /M
DELTA= .433 CM DELTA*= .0275 CM THETA= .0044 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.051315	.000000	1.000000	.472367	.000000
2	.012700	.123014	.648103	1.000000	.606863	1.193167
3	.025400	.143672	.701275	1.000000	.637888	1.323648
4	.038100	.170800	.757950	1.000000	.677830	1.474731
5	.050800	.192363	.795511	1.000000	.709160	1.583178
6	.063500	.216360	.831930	1.000000	.744094	1.695947
7	.076200	.251417	.876701	1.000000	.794617	1.846895
8	.088900	.295308	.922727	1.000000	.857663	2.019496
9	.101600	.349562	.968774	1.000000	.935742	2.214686
10	.114300	.380585	.990906	1.000000	.980176	2.318441
11	.127000	.359092	.975849	1.000000	.949395	2.247075
12	.139700	.361735	.977766	1.000000	.953181	2.255975
13	.152400	.382115	.991933	1.000000	.982367	2.323437
14	.165100	.404234	1.006174	1.000000	1.014030	2.394475
15	.177800	.425449	1.018847	1.000000	1.044387	2.460658
16	.190500	.444856	1.029682	1.000000	1.072148	2.519660
17	.203200	.465932	1.040710	1.000000	1.102289	2.582195
18	.215900	.483321	1.049282	1.000000	1.127153	2.632663
19	.228600	.493198	1.053954	1.000000	1.141274	2.660899
20	.241300	.486243	1.050678	1.000000	1.131330	2.641046
21	.254000	.457098	1.036176	1.000000	1.089657	2.556172
22	.266700	.436718	1.025221	1.000000	1.060507	2.495089
23	.279400	.430249	1.021591	1.000000	1.051253	2.475382
24	.292100	.428580	1.020641	1.000000	1.048865	2.470271
25	.304800	.428232	1.020443	1.000000	1.048368	2.469205
26	.317500	.427119	1.019806	1.000000	1.046775	2.465790
27	.330200	.425241	1.018727	1.000000	1.044089	2.460016
28	.342900	.422528	1.017155	1.000000	1.040207	2.451652
29	.355600	.419607	1.015447	1.000000	1.036027	2.442612
30	.368300	.415711	1.013143	1.000000	1.030454	2.430505
31	.381000	.411468	1.010598	1.000000	1.024382	2.417248
32	.393700	.407851	1.008400	1.000000	1.019206	2.405889
33	.406400	.404582	1.006390	1.000000	1.014528	2.395575
34	.419100	.399296	1.003090	1.000000	1.006962	2.378800
35	.431800	.394983	1.000353	1.000000	1.000789	2.365027
36	.444500	.390114	.997212	1.000000	.993819	2.349378
37	.457200	.385593	.994247	1.000000	.987347	2.334752
38	.469900	.381072	.991233	1.000000	.980873	2.320031
39	.482600	.375507	.987455	1.000000	.972906	2.301783
40	.495300	.370569	.984038	1.000000	.965833	2.285464
41	.508000	.365630	.980557	1.000000	.958760	2.269026
42	.520700	.360692	.977011	1.000000	.951687	2.252466
43	.533400	.355683	.973348	1.000000	.944512	2.235545

STATION X= 6.60 CM PTO= 25.141 N/SQ CM TTO=312.50K
R= 2.581 CM PWALL= 1.4924 N/SQ CM CF= .00381 PI =-.484
UE= 549.4 M/SEC RHOE=.00996 KG/CUB M RE= 15.956E6 /M
DELTA= .305 CM DELTA*=-.0026 CM THETA=-.0046 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.059363	.000000	1.000000	.518812	.000000
2	.012700	.153828	.706844	1.000000	.683021	1.257991
3	.025400	.182625	.766781	1.000000	.723503	1.404522
4	.038100	.230758	.844826	1.000000	.790196	1.617229
5	.050800	.291830	.919069	1.000000	.874089	1.850390
6	.063500	.363613	.984309	1.000000	.971932	2.089712
7	.076200	.447847	1.042187	1.000000	1.086846	2.339737
8	.088900	.541610	1.090968	1.000000	1.214207	2.588782
9	.101600	.580006	1.107591	1.000000	1.266324	2.684039
10	.114300	.520604	1.081134	1.000000	1.185686	2.535138
11	.127000	.494242	1.067960	1.000000	1.149884	2.466148
12	.139700	.461619	1.050214	1.000000	1.105563	2.377973
13	.152400	.459185	1.048820	1.000000	1.102255	2.371259
14	.165100	.431014	1.031900	1.000000	1.063963	2.292125
15	.177800	.397000	1.009333	1.000000	1.017701	2.192713
16	.190500	.391019	1.005093	1.000000	1.009561	2.174751
17	.203200	.395818	1.008502	1.000000	1.016092	2.189174
18	.215900	.403887	1.014109	1.000000	1.027070	2.213206
19	.228600	.411190	1.019056	1.000000	1.037005	2.234732
20	.241300	.418772	1.024066	1.000000	1.047317	2.256858
21	.254000	.425728	1.028555	1.000000	1.056775	2.276964
22	.266700	.431153	1.031988	1.000000	1.064152	2.292522
23	.279400	.429414	1.030894	1.000000	1.061788	2.287547
24	.292100	.409243	1.017748	1.000000	1.034356	2.229013
25	.304800	.383993	1.000000	1.000000	1.000000	2.153462
26	.317500	.367995	.987924	1.000000	.978220	2.104160
27	.330200	.363126	.983924	1.000000	.971270	2.088184
28	.342900	.360344	.981714	1.000000	.967483	2.079427
29	.355600	.359300	.980879	1.000000	.966063	2.076134
30	.368300	.356866	.978919	1.000000	.962749	2.068428
31	.381000	.355127	.977508	1.000000	.960382	2.062906
32	.393700	.351997	.974945	1.000000	.956121	2.052928
33	.406400	.348589	.972121	1.000000	.951480	2.042006
34	.419100	.345458	.969494	1.000000	.947218	2.031923
35	.431800	.342050	.966599	1.000000	.942576	2.020885
36	.444500	.338155	.963244	1.000000	.937270	2.008194
37	.457200	.335025	.960511	1.000000	.933006	1.997936
38	.469900	.331338	.957249	1.000000	.927983	1.985784
39	.482600	.327652	.953940	1.000000	.922959	1.973555
40	.495300	.323687	.950327	1.000000	.917555	1.960316
41	.508000	.319514	.946461	1.000000	.911865	1.946280
42	.520700	.315479	.942662	1.000000	.906364	1.932612
43	.533400	.311306	.938666	1.000000	.900672	1.918366

ID NO. 12415-037

STATION X= 6.83 CM PTO= 25.141 N/SQ CM TTO=312.50K

R= 2.581 CM PWALL= 1.5452 N/SQ CM CF= .00434 PT[illegible]=-.701

UE= 539.6 M/SEC RHOE=.00999 KG/CUB M RE= 15.262E6 /M

DELTA= .305 CM DELTA*=-.0226 CM THETA=-.0128 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.061464	.000000	1.000000	.535810	.000000
2	.012700	.162870	.727707	1.000000	.710450	1.276588
3	.025400	.209404	.816022	1.000000	.775525	1.495640
4	.038100	.252321	.878037	1.000000	.834422	1.669294
5	.050800	.312558	.946242	1.000000	.916891	1.885768
6	.063500	.388375	1.011397	1.000000	1.020262	2.126205
7	.076200	.456959	1.057115	1.000000	1.113322	2.321453
8	.088900	.529786	1.096320	1.000000	1.212016	2.511996
9	.101600	.583484	1.120636	1.000000	1.284735	2.643617
10	.114300	.615759	1.133868	1.000000	1.328858	2.720377
11	.127000	.619445	1.135301	1.000000	1.333850	2.728927
12	.139700	.609916	1.131571	1.000000	1.320944	2.706770
13	.152400	.600943	1.127980	1.000000	1.308790	2.685738
14	.165100	.597187	1.126327	1.000000	1.303286	2.676159
15	.177800	.575972	1.117432	1.000000	1.274564	2.625605
16	.190500	.424058	1.036436	1.000000	1.068697	2.229961
17	.203200	.367925	.995430	1.000000	.992162	2.063618
18	.215900	.349493	.980184	1.000000	.967124	2.006269
19	.228600	.347476	.978452	1.000000	.964383	1.999824
20	.241300	.350953	.981430	1.000000	.969109	2.010820
21	.254000	.355614	.985361	1.000000	.975440	2.025458
22	.266700	.360692	.989568	1.000000	.982338	2.041285
23	.279400	.365839	.993755	1.000000	.989328	2.057201
24	.292100	.370082	.997148	1.000000	.995089	2.070227
25	.304800	.373699	1.000000	1.000000	1.000000	2.081265
26	.317500	.374533	1.000653	1.000000	1.001133	2.083804
27	.330200	.365213	.993250	1.000000	.988478	2.055272
28	.342900	.345250	.976526	1.000000	.961358	1.992754
29	.355600	.329460	.962382	1.000000	.939891	1.941841
30	.368300	.318470	.952012	1.000000	.924939	1.905576
31	.381000	.315201	.948838	1.000000	.920490	1.894650
32	.393700	.312766	.946448	1.000000	.917176	1.886471
33	.406400	.311375	.945071	1.000000	.915282	1.881781
34	.419100	.309080	.942782	1.000000	.912156	1.874016
35	.431800	.306785	.940471	1.000000	.909030	1.866217
36	.444500	.304211	.937854	1.000000	.905525	1.857432
37	.457200	.301637	.935209	1.000000	.902019	1.848605
38	.469900	.298159	.931589	1.000000	.897280	1.836605
39	.482600	.295655	.928949	1.000000	.893868	1.827915
40	.495300	.292595	.925684	1.000000	.889696	1.817235
41	.508000	.289465	.922301	1.000000	.885428	1.806245
42	.520700	.289813	.922679	1.000000	.885903	1.807469
43	.533400	.283065	.915237	1.000000	.876700	1.783555

STATION X= 7.11 CM PTO= 25.141 N/SQ CM TTO=312.50K
R= 2.581 CM PWALL= 1.3998 N/SQ CM CF= .00305 PT =-.190
UE= 588.3 M/SEC RHOE=.01081 KG/CUB M RE= 21.212E6 /M
DELTA= .265 CM DELTA*= .0079 CM THETA=-.0007 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.055680	.000000	1.000000	.448389	.000000
2	.012700	.166974	.708012	1.000000	.619761	1.382377
3	.025400	.212534	.783534	1.000000	.677988	1.600083
4	.038100	.259555	.843102	1.000000	.737600	1.795827
5	.050800	.299898	.884176	1.000000	.788351	1.947029
6	.063500	.340868	.919186	1.000000	.839770	2.089090
7	.076200	.388862	.953894	1.000000	.900232	2.244663
8	.088900	.444926	.987548	1.000000	.970452	2.412786
9	.101600	.495146	1.013014	1.000000	1.033302	2.553894
10	.114300	.540766	1.033110	1.000000	1.090289	2.675414
11	.127000	.569572	1.044722	1.000000	1.126754	2.750357
12	.139700	.584736	1.050423	1.000000	1.145723	2.788546
13	.152400	.589674	1.052233	1.000000	1.151901	2.800870
14	.165100	.589674	1.052233	1.000000	1.151901	2.800870
15	.177800	.586614	1.051114	1.000000	1.148073	2.793239
16	.190500	.582162	1.049471	1.000000	1.142504	2.782101
17	.203200	.576180	1.047234	1.000000	1.135021	2.767064
18	.215900	.568042	1.044134	1.000000	1.124840	2.746473
19	.228600	.556635	1.039678	1.000000	1.110568	2.717346
20	.241300	.543071	1.034085	1.000000	1.093246	2.681570
21	.254000	.521786	1.025074	1.000000	1.066627	2.625640
22	.266700	.452786	.991795	1.000000	.980292	2.435417
23	.279400	.309567	.892978	1.000000	.800494	1.981497
24	.292100	.305741	.889538	1.000000	.795690	1.967933
25	.304800	.308523	.892045	1.000000	.799184	1.977807
26	.317500	.311862	.895015	1.000000	.803376	1.989590
27	.330200	.315131	.897884	1.000000	.807481	2.001059
28	.342900	.317635	.900655	1.000000	.810624	2.009798
29	.355600	.320487	.902500	1.000000	.814203	2.019703
30	.368300	.321739	.903565	1.000000	.815775	2.024036
31	.381000	.320766	.902737	1.000000	.814552	2.020667
32	.393700	.311932	.895677	1.000000	.803464	1.989835
33	.406400	.293082	.877748	1.000000	.779785	1.922344
34	.419100	.280005	.864863	1.000000	.763344	1.874050
35	.431800	.273745	.858421	1.000000	.755467	1.850469
36	.444500	.270962	.855497	1.000000	.751966	1.839887
37	.457200	.269432	.853873	1.000000	.750039	1.834041
38	.469900	.267485	.851789	1.000000	.747587	1.826571
39	.482600	.265815	.849987	1.000000	.745485	1.820144
40	.495300	.263798	.847791	1.000000	.742945	1.812345
41	.508000	.261433	.845190	1.000000	.739966	1.803158
42	.520700	.259207	.842714	1.000000	.737162	1.794466
43	.533400	.257051	.840290	1.000000	.734444	1.786003

ID NO. 12415-039

STATION X= 7.34 CM PTO= 25.141 N/SQ CM TTO=312.50K
R= 2.581 CM PWALL= 1.0737 N/SQ CM CF= .00251 PT =-.166
UE= 631.3 M/SEC RHOE=.01020 KG/CUB M RE= 26.207E6 /M
DELTA= .341 CM DELTA*= .0376 CM THETA= .0061 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.042768	.000000	1.000000	.364711	.000000
2	.012700	.170243	.742327	1.000000	.561159	1.641097
3	.025400	.209056	.798732	1.000000	.613266	1.845959
4	.038100	.253712	.848972	1.000000	.672758	2.055035
5	.050800	.277362	.871283	1.000000	.704442	2.158133
6	.063500	.304489	.893767	1.000000	.740502	2.269781
7	.076200	.333773	.915155	1.000000	.779397	2.384353
8	.088900	.373560	.940345	1.000000	.832205	2.531622
9	.101600	.413764	.962181	1.000000	.885535	2.672122
10	.114300	.452925	.980768	1.000000	.937773	2.802924
11	.127000	.487356	.995154	1.000000	.983439	2.912463
12	.139700	.513996	1.005273	1.000000	1.018765	2.994453
13	.152400	.528186	1.010343	1.000000	1.037579	3.037215
14	.165100	.536115	1.013085	1.000000	1.048092	3.060851
15	.177800	.538480	1.013891	1.000000	1.051227	3.067864
16	.190500	.537924	1.013702	1.000000	1.050490	3.066216
17	.203200	.535628	1.012919	1.000000	1.047446	3.059405
18	.215900	.532290	1.011770	1.000000	1.043020	3.049471
19	.228600	.528394	1.010416	1.000000	1.037856	3.037840
20	.241300	.523247	1.008602	1.000000	1.031031	3.022401
21	.254000	.518239	1.006811	1.000000	1.024391	3.007304
22	.266700	.513857	1.005222	1.000000	1.018580	2.994031
23	.279400	.510588	1.004024	1.000000	1.014246	2.984090
24	.292100	.506971	1.002683	1.000000	1.009450	2.973452
25	.304800	.503006	1.001198	1.000000	1.004192	2.960906
26	.317500	.498276	.999402	1.000000	.997920	2.946350
27	.330200	.492364	.997120	1.000000	.990080	2.928053
28	.342900	.487147	.995072	1.000000	.983162	2.911812
29	.355600	.323478	.907942	1.000000	.765727	2.344723
30	.368300	.277918	.871774	1.000000	.705182	2.160483
31	.381000	.279240	.872934	1.000000	.706939	2.166052
32	.393700	.281396	.874811	1.000000	.709807	2.175107
33	.406400	.283274	.876430	1.000000	.712304	2.182962
34	.419100	.284526	.877501	1.000000	.713969	2.188183
35	.431800	.284735	.877679	1.000000	.714246	2.189052
36	.444500	.280492	.874026	1.000000	.708604	2.171314
37	.457200	.269571	.864273	1.000000	.694080	2.124966
38	.469900	.251208	.846467	1.000000	.669426	2.043892
39	.482600	.245922	.841071	1.000000	.662392	2.020163
40	.495300	.241609	.836555	1.000000	.656652	2.000591
41	.508000	.239523	.834332	1.000000	.653874	1.991049
42	.520700	.238131	.832835	1.000000	.652022	1.984662
43	.533400	.236532	.831101	1.000000	.649891	1.977291

ID NO. 12415-040

STATION X= 7.59 CM PTO= 25.141 N/SQ CM TTO=312.50K
R= 2.581 CM PWALL= 1.0370 N/SQ CM CF= .00260 PI =-.177
UE= 623.1 M/SEC RHOE=.00942 KG/CUB M RE= 22.892E6 /M
DELTA= .373 CM DELTA*= .0387 CM THETA= .0066 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.041248	.000000	1.000000	.381115	.000000
2	.012700	.145481	.716856	1.000000	.558847	1.527006
3	.025400	.208709	.818152	1.000000	.650661	1.880501
4	.038100	.240357	.855204	1.000000	.696274	2.033397
5	.050800	.255382	.870802	1.000000	.718133	2.102733
6	.063500	.269293	.884056	1.000000	.738155	2.164293
7	.076200	.291482	.903398	1.000000	.770068	2.258948
8	.088900	.315241	.921970	1.000000	.804159	2.355863
9	.101600	.344067	.942113	1.000000	.845621	2.468614
10	.114300	.373073	.960080	1.000000	.887263	2.576890
11	.127000	.402426	.976325	1.000000	.929386	2.681976
12	.139700	.430805	.990570	1.000000	.970421	2.780531
13	.152400	.453203	1.000787	1.000000	1.002564	2.855356
14	.165100	.468575	1.007372	1.000000	1.024622	2.905588
15	.177800	.479217	1.011743	1.000000	1.039892	2.939859
16	.190500	.484921	1.014025	1.000000	1.048075	2.958062
17	.203200	.487495	1.015042	1.000000	1.051768	2.966239
18	.215900	.487842	1.015179	1.000000	1.052267	2.967342
19	.228600	.486869	1.014795	1.000000	1.050869	2.964252
20	.241300	.484851	1.013998	1.000000	1.047975	2.957841
21	.254000	.482000	1.012861	1.000000	1.043884	2.948753
22	.266700	.478174	1.011321	1.000000	1.038395	2.936517
23	.279400	.474418	1.009790	1.000000	1.033006	2.924454
24	.292100	.470662	1.008241	1.000000	1.027616	2.912340
25	.304800	.468158	1.007198	1.000000	1.024024	2.904236
26	.317500	.466001	1.006292	1.000000	1.020930	2.897239
27	.330200	.463567	1.005263	1.000000	1.017436	2.889319
28	.342900	.460576	1.003987	1.000000	1.013145	2.879559
29	.355600	.457098	1.002487	1.000000	1.008154	2.868168
30	.368300	.452925	1.000665	1.000000	1.002165	2.854438
31	.381000	.448890	.998879	1.000000	.996376	2.841103
32	.393700	.445969	.997571	1.000000	.992183	2.831406
33	.406400	.442978	.996219	1.000000	.987891	2.821444
34	.419100	.440335	.995012	1.000000	.984098	2.812611
35	.431800	.437413	.993666	1.000000	.979905	2.802816
36	.444500	.434561	.992338	1.000000	.975812	2.793220
37	.457200	.428858	.989645	1.000000	.967626	2.773928
38	.469900	.273814	.888168	1.000000	.744660	2.183919
39	.482600	.251139	.866404	1.000000	.711791	2.082854
40	.495300	.251695	.866964	1.000000	.712592	2.085374
41	.508000	.251139	.866404	1.000000	.711791	2.082854
42	.520700	.247869	.863076	1.000000	.707087	2.067985
43	.533400	.241401	.856317	1.000000	.697776	2.038237

ID NO. 12415-041

STATION X= 7.85 CM PTO= 25.141 N/SQ CM TTO=312.50K
R= 2.581 CM PWALL= .9118 N/SQ CM CF= .00253 PT =-.181
UE= 630.6 M/SEC RHOE=.00862 KG/CUB M RE= 22.043E6 /M
DELTA= .408 CM DELTA*= .0459 CM THETA= .0078 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.036269	.000000	1.000000	.366251	.000000
2	.012700	.131778	.716939	1.000000	.543197	1.554229
3	.025400	.188537	.815616	1.000000	.633201	1.909019
4	.038100	.227211	.863452	1.000000	.694304	2.116251
5	.050800	.237653	.874725	1.000000	.711043	2.169569
6	.063500	.245574	.882489	1.000000	.723181	2.207430
7	.076200	.260459	.896563	1.000000	.746574	2.278617
8	.088900	.279518	.913054	1.000000	.776508	2.366592
9	.101600	.299829	.928990	1.000000	.808393	2.456836
10	.114300	.321322	.944274	1.000000	.842120	2.548818
11	.127000	.344415	.959143	1.000000	.878343	2.644047
12	.139700	.367506	.972735	1.000000	.914854	2.736681
13	.152400	.388723	.984066	1.000000	.948133	2.818465
14	.165100	.407573	.993386	1.000000	.977696	2.889177
15	.177800	.423015	1.000551	1.000000	1.001911	2.945831
16	.190500	.434075	1.005443	1.000000	1.019253	2.985743
17	.203200	.440613	1.008247	1.000000	1.029504	3.009088
18	.215900	.445273	1.010207	1.000000	1.036811	3.025618
19	.228600	.447221	1.011017	1.000000	1.039864	3.032499
20	.241300	.447638	1.011190	1.000000	1.040519	3.033971
21	.254000	.446595	1.010757	1.000000	1.038883	3.030289
22	.266700	.445621	1.010352	1.000000	1.037256	3.026848
23	.279400	.443882	1.009625	1.000000	1.034630	3.020693
24	.292100	.441656	1.008689	1.000000	1.031140	3.012797
25	.304800	.439083	1.007597	1.000000	1.027105	3.003641
26	.317500	.436509	1.006495	1.000000	1.023070	2.994457
27	.330200	.434631	1.005684	1.000000	1.020125	2.987737
28	.342900	.432823	1.004699	1.000000	1.017289	2.981252
29	.355600	.431362	1.004261	1.000000	1.014999	2.976003
30	.368300	.429762	1.003558	1.000000	1.012491	2.970244
31	.381000	.427675	1.002636	1.000000	1.009219	2.962715
32	.393700	.424823	1.001364	1.000000	1.004747	2.952394
33	.406400	.422111	1.000142	1.000000	1.000493	2.942543
34	.419100	.419746	.999068	1.000000	.996785	2.933928
35	.431800	.417450	.998015	1.000000	.993185	2.925542
36	.444500	.415433	.997084	1.000000	.990022	2.918152
37	.457200	.413625	.996242	1.000000	.987186	2.911511
38	.469900	.413207	.996047	1.000000	.986532	2.909976
39	.482600	.415155	.996954	1.000000	.989586	2.917132
40	.495300	.419537	.998972	1.000000	.996458	2.933167
41	.508000	.422806	1.000457	1.000000	1.001584	2.945072
42	.520700	.424058	1.001021	1.000000	1.003547	2.949619
43	.533400	.424267	1.001115	1.000000	1.003874	2.950376

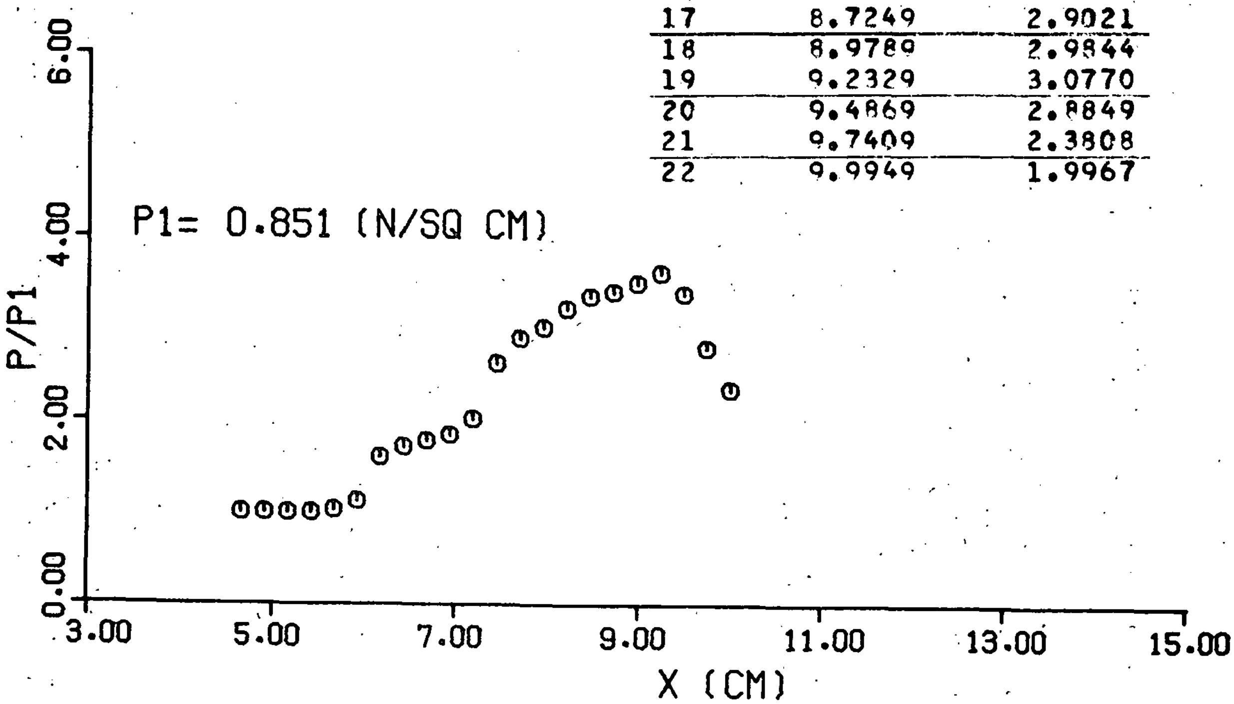
STATION X= 8.36 CM PTO= 25.141 N/SQ CM TTO=312.50K
R= 2.581 CM PWALL= .6687 N/SQ CM CF= .00223 PT = .107
UE= 653.7 M/SEC RHOE=.00726 KG/CU M RE= 22.134E6 /M
DELTA= .318 CM DELTA*= .0720 CM THETA= .0113 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.026598	.000000	1.000000	.318869	.000000
2	.012700	.100269	.701701	1.000000	.479775	1.588420
3	.025400	.143742	.796526	1.000000	.561533	1.950662
4	.038100	.189789	.863355	1.000000	.647716	2.270786
5	.050800	.201475	.876874	1.000000	.669508	2.344819
6	.063500	.204257	.879934	1.000000	.674695	2.362099
7	.076200	.211352	.887481	1.000000	.687920	2.405594
8	.088900	.221785	.897957	1.000000	.707363	2.468148
9	.101600	.234097	.909457	1.000000	.730298	2.539959
10	.114300	.246270	.920006	1.000000	.752968	2.608997
11	.127000	.259138	.930368	1.000000	.776927	2.680029
12	.139700	.272423	.940407	1.000000	.801921	2.752176
13	.152400	.286474	.950164	1.000000	.828087	2.825732
14	.165100	.301568	.959879	1.000000	.856190	2.902661
15	.177800	.315201	.968044	1.000000	.881570	2.970422
16	.190500	.329738	.976178	1.000000	.908630	3.041006
17	.203200	.341215	.982221	1.000000	.929991	3.095588
18	.215900	.353249	.988228	1.000000	.952386	3.151797
19	.228600	.362430	.992602	1.000000	.969472	3.194016
20	.241300	.369247	.995738	1.000000	.982156	3.225061
21	.254000	.374255	.997985	1.000000	.991475	3.247577
22	.266700	.377107	.999244	1.000000	.996781	3.260362
23	.279400	.378916	1.000034	1.000000	1.000146	3.268444
24	.292100	.379333	1.000216	1.000000	1.000923	3.270306
25	.304800	.379333	1.000216	1.000000	1.000923	3.270306
26	.317500	.378846	1.000004	1.000000	1.000017	3.268134
27	.330200	.378081	.999670	1.000000	.998593	3.264717
28	.342900	.377038	.999213	1.000000	.996652	3.260051
29	.355600	.375507	.998540	1.000000	.993804	3.253196
30	.368300	.373560	.997676	1.000000	.990180	3.244451
31	.381000	.372029	.996992	1.000000	.987333	3.237563
32	.393700	.372029	.996992	1.000000	.987333	3.237563
33	.406400	.373629	.997707	1.000000	.990310	3.244764
34	.419100	.377385	.999366	1.000000	.997299	3.261607
35	.431800	.380515	1.000728	1.000000	1.003123	3.275577
36	.444500	.382602	1.001627	1.000000	1.007006	3.284857
37	.457200	.383645	1.002073	1.000000	1.008947	3.289487
38	.469900	.384341	1.002370	1.000000	1.010241	3.292570
39	.482600	.385037	1.002666	1.000000	1.011535	3.295651
40	.495300	.385941	1.003049	1.000000	1.013218	3.299651
41	.508000	.387471	1.003694	1.000000	1.016065	3.306409
42	.520700	.389349	1.004480	1.000000	1.019559	3.314684
43	.533400	.391784	1.005491	1.000000	1.024089	3.325380

ID NO. 21310-001

PTO= 23.5777 N/SQ CM
TTO= 299.7778 K
PBAR= 766.6000 MMHG
TMAN= 304.2222 K

I	X(CM)	P(N/SQ CM)
1	4.6609	.8513
2	4.9149	.8513
3	5.1689	.8513
4	5.4229	.8513
5	5.6769	.8753
6	5.9309	.9542
7	6.1849	1.3609
8	6.4389	1.4562
9	6.6929	1.5162
10	6.9469	1.5697
11	7.2009	1.7155
12	7.4549	2.2333
13	7.7089	2.4665
14	7.9629	2.5660
15	8.2169	2.7443
16	8.4709	2.8609
17	8.7249	2.9021
18	8.9789	2.9844
19	9.2329	3.0770
20	9.4869	2.8849
21	9.7409	2.3808
22	9.9949	1.9967



ID NO. 21310 -001

STATION X= 4.66 CM PTO= 23.583 N/SQ CM TTO=299.78K
R= 2.591 CM PWALL= .8513 N/SQ CM CF= .00202 PI = .517
UE= 605.0 M/SEC RHOE=.00785 KG/CUB M RE= 18.766E6 /M
DELTA= .389 CM DELTA*= .1019 CM THETA= .0202 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.036099	.000000	1.000000	.391716	.000000
2	.012700	.103636	.660873	1.000000	.533433	1.344962
3	.025400	.121841	.710067	1.000000	.564997	1.487219
4	.038100	.137916	.746403	1.000000	.592508	1.600933
5	.050800	.151717	.773911	1.000000	.616220	1.692823
6	.063500	.161626	.791684	1.000000	.633077	1.755224
7	.076200	.174179	.812338	1.000000	.654389	1.831080
8	.088900	.183942	.827146	1.000000	.670942	1.887892
9	.101600	.194659	.842290	1.000000	.689093	1.948288
10	.114300	.204569	.855367	1.000000	.705862	2.002465
11	.127000	.213744	.866762	1.000000	.721378	2.051321
12	.139700	.225489	.880607	1.000000	.741472	2.112914
13	.152400	.234298	.890261	1.000000	.756361	2.157418
14	.165100	.247511	.903865	1.000000	.778683	2.222473
15	.177800	.257054	.913093	1.000000	.794798	2.268276
16	.190500	.269533	.924478	1.000000	.815863	2.326792
17	.203200	.279809	.933321	1.000000	.833205	2.373883
18	.215900	.291628	.942947	1.000000	.853143	2.426894
19	.228600	.303299	.951931	1.000000	.872828	2.478120
20	.241300	.313576	.959445	1.000000	.890156	2.522353
21	.254000	.321651	.965107	1.000000	.903770	2.556566
22	.266700	.332662	.972508	1.000000	.922330	2.602488
23	.279400	.341103	.977946	1.000000	.936558	2.637148
24	.292100	.348077	.982293	1.000000	.948310	2.665438
25	.304800	.353949	.985965	1.000000	.958513	2.689758
26	.317500	.359822	.989442	1.000000	.968414	2.713149
27	.330200	.364960	.992417	1.000000	.977077	2.733450
28	.342900	.369364	.994918	1.000000	.984502	2.750731
29	.355600	.373035	.996969	1.000000	.990689	2.765049
30	.368300	.375971	.998588	1.000000	.995638	2.776450
31	.381000	.378100	.999751	1.000000	.999226	2.784686
32	.393700	.378907	1.000189	1.000000	1.000588	2.787804
33	.406400	.380375	1.000982	1.000000	1.003062	2.793463
34	.419100	.381109	1.001377	1.000000	1.004299	2.796288
35	.431800	.381329	1.001496	1.000000	1.004671	2.797135
36	.444500	.381109	1.001377	1.000000	1.004299	2.796288
37	.457200	.381109	1.001377	1.000000	1.004299	2.796288
38	.469900	.381476	1.001575	1.000000	1.004918	2.797700
39	.482600	.382577	1.002164	1.000000	1.006774	2.801931
40	.495300	.383678	1.002751	1.000000	1.008630	2.806155
41	.508000	.383678	1.002751	1.000000	1.008630	2.806155
42	.533400	.383678	1.002751	1.000000	1.008630	2.806155
43	.558800	.382577	1.002164	1.000000	1.006774	2.801931

ID NO. 21310-003

STATION X= 4.91 CM PTO= 23.583 N/SQ CM TTO=299.78K
R= 2.591 CM PWALL= .8513 N/SQ CM CF= .00201 PI = .517
UE= 605.5 M/SEC RHOE=.00787 KG/CUB M RE= 18.876E6 /M
DELTA= .396 CM DELTA*= .1035 CM THETA= .0205 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.036099	.000000	1.000000	.390726	.000000
2	.012700	.102902	.658148	1.000000	.530814	1.338905
3	.025400	.120886	.707153	1.000000	.561935	1.480170
4	.038100	.138283	.746564	1.000000	.591636	1.603428
5	.050800	.150983	.771910	1.000000	.613416	1.688104
6	.063500	.163021	.793431	1.000000	.633841	1.763821
7	.076200	.174105	.811562	1.000000	.652611	1.830646
8	.088900	.183134	.825288	1.000000	.667881	1.883261
9	.101600	.193925	.840603	1.000000	.686112	1.944213
10	.114300	.203468	.853261	1.000000	.702220	1.996520
11	.127000	.215947	.868695	1.000000	.723268	2.062870
12	.139700	.224021	.878234	1.000000	.737122	2.105403
13	.152400	.234298	.889537	1.000000	.754449	2.157418
14	.165100	.245309	.900934	1.000000	.773005	2.211765
15	.177800	.256320	.911658	1.000000	.791553	2.264786
16	.190500	.268799	.923077	1.000000	.812565	2.323391
17	.203200	.278708	.931637	1.000000	.829246	2.368883
18	.215900	.287297	.938720	1.000000	.843699	2.407605
19	.228600	.298895	.947828	1.000000	.863213	2.458916
20	.241300	.311007	.956822	1.000000	.883586	2.511369
21	.254000	.320183	.963310	1.000000	.899017	2.550380
22	.266700	.328991	.969292	1.000000	.913828	2.587272
23	.279400	.339268	.975986	1.000000	.931106	2.629653
24	.292100	.347343	.981043	1.000000	.944679	2.662474
25	.304800	.353215	.984724	1.000000	.954856	2.686820
26	.317500	.359822	.988638	1.000000	.965967	2.713149
27	.330200	.364960	.991611	1.000000	.974608	2.733450
28	.342900	.369364	.994110	1.000000	.982014	2.750731
29	.355600	.373035	.996159	1.000000	.988185	2.765049
30	.368300	.375971	.997777	1.000000	.993122	2.776450
31	.381000	.378320	.999058	1.000000	.997071	2.785537
32	.393700	.379861	.999892	1.000000	.999663	2.791484
33	.406400	.381109	1.000564	1.000000	1.001761	2.796288
34	.419100	.382063	1.001075	1.000000	1.003366	2.799957
35	.431800	.382210	1.001154	1.000000	1.003613	2.800521
36	.444500	.382357	1.001232	1.000000	1.003859	2.801085
37	.457200	.382357	1.001232	1.000000	1.003859	2.801085
38	.469900	.382357	1.001232	1.000000	1.003859	2.801085
39	.482600	.382504	1.001310	1.000000	1.004106	2.801649
40	.495300	.382357	1.001232	1.000000	1.003859	2.801085
41	.508000	.382210	1.001154	1.000000	1.003613	2.800521
42	.533400	.381990	1.001036	1.000000	1.003242	2.799675
43	.558800	.381990	1.001036	1.000000	1.003242	2.799675

STATION X= 5.17 CM PTO= 23.583 N/SQ CM TTO=299.78K
R= 2.591 CM PWALL= .8513 N/SQ CM CF= .00204 PT = .478
UE= 605.3 M/SEC RHOE=.00786 KG/CUB M RE= 18.824E6 /M
DELTA= .400 CM DELTA*= .1022 CM THETA= .0203 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.036099	.000000	1.000000	.391200	.000000
2	.012700	.102902	.658403	1.000000	.531458	1.338905
3	.025400	.124924	.717168	1.000000	.569535	1.509748
4	.038100	.143642	.757792	1.000000	.601478	1.639394
5	.050800	.155020	.779661	1.000000	.621023	1.713889
6	.063500	.166545	.799669	1.000000	.640586	1.785346
7	.076200	.175573	.814171	1.000000	.655889	1.839308
8	.088900	.184749	.827975	1.000000	.671424	1.892512
9	.101600	.194659	.841933	1.000000	.688185	1.948288
10	.114300	.204569	.855004	1.000000	.704931	2.002465
11	.127000	.215213	.868157	1.000000	.722905	2.059027
12	.139700	.225489	.880233	1.000000	.740494	2.112914
13	.152400	.235766	.891445	1.000000	.757841	2.164745
14	.165100	.246043	.902019	1.000000	.775180	2.215340
15	.177800	.257788	.913396	1.000000	.794988	2.271761
16	.190500	.268065	.922785	1.000000	.812313	2.319985
17	.203200	.278341	.931690	1.000000	.829633	2.367214
18	.215900	.288618	.940149	1.000000	.846948	2.413506
19	.228600	.301097	.949871	1.000000	.867968	2.468537
20	.241300	.309906	.956396	1.000000	.882802	2.506646
21	.254000	.318714	.962664	1.000000	.897635	2.544179
22	.266700	.328257	.969179	1.000000	.913700	2.584218
23	.279400	.337066	.974956	1.000000	.928528	2.620629
24	.292100	.346609	.980972	1.000000	.944589	2.659507
25	.304800	.354683	.985986	1.000000	.958486	2.692693
26	.317500	.362024	.990305	1.000000	.970845	2.721868
27	.330200	.366428	.992834	1.000000	.978260	2.739223
28	.342900	.370465	.995114	1.000000	.985057	2.755035
29	.355600	.373915	.997034	1.000000	.990865	2.768474
30	.368300	.375971	.998165	1.000000	.994326	2.776450
31	.381000	.377439	.998967	1.000000	.996797	2.782133
32	.393700	.378907	.999765	1.000000	.999268	2.787804
33	.406400	.379641	1.000162	1.000000	1.000504	2.790635
34	.419100	.380008	1.000360	1.000000	1.001122	2.792049
35	.431800	.380522	1.000637	1.000000	1.001987	2.794028
36	.444500	.381843	1.001346	1.000000	1.004211	2.799111
37	.457200	.382577	1.001739	1.000000	1.005447	2.801931
38	.469900	.383311	1.002130	1.000000	1.006682	2.804747
39	.482600	.384045	1.002521	1.000000	1.007918	2.807561
40	.495300	.401663	1.011567	1.000000	1.037571	2.874265
41	.508000	.428823	1.024401	1.000000	1.083277	2.974152
42	.533400	.439100	1.028940	1.000000	1.100569	3.011078
43	.558800	.440421	1.029512	1.000000	1.102792	3.015793

ID NO. 21310-005

STATION X= 5.42 CM PTO= 23.583 N/SQ CM TTO=299.78K
R= 2.591 CM PWALL= .8513 N/SQ CM CF= .00211 PT = .598
UE= 597.9 M/SEC RHOE=.00757 KG/CUB M RE= 17.270E6 /M
DELTA= .317 CM DELTA*= .0924 CM THETA= .0191 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.036099	.000000	1.000000	.406049	.000000
2	.012700	.103269	.667693	1.000000	.552291	1.341937
3	.025400	.124116	.724137	1.000000	.589718	1.503883
4	.038100	.139238	.758143	1.000000	.616526	1.609895
5	.050800	.152084	.783885	1.000000	.639416	1.695177
6	.063500	.162360	.802457	1.000000	.657534	1.759754
7	.076200	.171903	.818435	1.000000	.674331	1.817573
8	.088900	.181886	.833997	1.000000	.691881	1.876080
9	.101600	.191576	.848097	1.000000	.708897	1.931114
10	.114300	.201632	.861793	1.000000	.726541	1.986571
11	.127000	.211542	.874450	1.000000	.743914	2.039705
12	.139700	.221819	.886780	1.000000	.761919	2.093348
13	.152400	.233197	.899744	1.000000	.782107	2.151907
14	.165100	.244575	.911733	1.000000	.802034	2.208185
15	.177800	.255219	.922286	1.000000	.820668	2.259541
16	.190500	.268799	.934908	1.000000	.844431	2.323391
17	.203200	.277240	.942321	1.000000	.859198	2.362199
18	.215900	.288251	.951530	1.000000	.878455	2.411868
19	.228600	.298161	.959408	1.000000	.895782	2.455700
20	.241300	.309906	.968278	1.000000	.916313	2.506646
21	.254000	.318714	.974623	1.000000	.931708	2.544179
22	.266700	.326789	.980223	1.000000	.945818	2.578099
23	.279400	.335598	.986109	1.000000	.961208	2.614596
24	.292100	.342938	.990845	1.000000	.974033	2.644622
25	.304800	.350279	.995437	1.000000	.986855	2.674308
26	.317500	.357619	1.000000	1.000000	1.000000	2.704401
27	.330200	.363492	1.003466	1.000000	1.010263	2.727665
28	.342900	.367896	1.006012	1.000000	1.017959	2.744983
29	.355600	.372301	1.008514	1.000000	1.025656	2.762192
30	.368300	.376705	1.010972	1.000000	1.033351	2.779293
31	.381000	.395056	1.020771	1.000000	1.055414	2.849435
32	.393700	.425887	1.035784	1.000000	1.119268	2.963516
33	.406400	.435943	1.040329	1.000000	1.136832	2.999785
34	.419100	.437852	1.041174	1.000000	1.140166	3.006618
35	.431800	.440568	1.042366	1.000000	1.144909	3.016315
36	.444500	.444238	1.043959	1.000000	1.151319	3.029372
37	.457200	.446440	1.044906	1.000000	1.155165	3.037178
38	.469900	.448642	1.045845	1.000000	1.159010	3.044964
39	.482600	.449890	1.046374	1.000000	1.161190	3.049367
40	.495300	.450478	1.046622	1.000000	1.162215	3.051437
41	.508000	.450624	1.046684	1.000000	1.162471	3.051954
42	.533400	.450991	1.046839	1.000000	1.163112	3.053247
43	.558800	.450991	1.046839	1.000000	1.163112	3.053247

STATION X= 5.68 CM PTO= 23.583 N/SQ CM TTO=299.78K
R= 2.591 CM PWALL= .8753 N/SQ CM CF= .00166 PT = .743
UE= 622.0 M/SEC RHOE=.00885 KG/CUB M RE= 23.838E6 /M
DELTA= .437 CM DELTA*= .1287 CM THETA= .0228 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.037117	.000000	1.000000	.357245	.000000
2	.012700	.102902	.632409	1.000000	.480855	1.315315
3	.025400	.124557	.689097	1.000000	.514181	1.482051
4	.038100	.139605	.721703	1.000000	.537035	1.586299
5	.050800	.153552	.748518	1.000000	.558302	1.677497
6	.063500	.163829	.766284	1.000000	.573814	1.741007
7	.076200	.173004	.781014	1.000000	.587641	1.795725
8	.088900	.182180	.794795	1.000000	.601450	1.848758
9	.101600	.190989	.807223	1.000000	.614694	1.898225
10	.114300	.201265	.820828	1.000000	.630130	1.954304
11	.127000	.210808	.832683	1.000000	.644452	2.004932
12	.139700	.221085	.844692	1.000000	.659865	2.058026
13	.152400	.232096	.856931	1.000000	.676593	2.114145
14	.165100	.242373	.867537	1.000000	.692000	2.164542
15	.177800	.251915	.876859	1.000000	.706300	2.210291
16	.190500	.262192	.886379	1.000000	.721694	2.258504
17	.203200	.273937	.896654	1.000000	.739281	2.312356
18	.215900	.284214	.905159	1.000000	.754665	2.358452
19	.228600	.293757	.912684	1.000000	.768946	2.400453
20	.241300	.304033	.920414	1.000000	.784322	2.444868
21	.254000	.315044	.928298	1.000000	.800793	2.491566
22	.266700	.333396	.940604	1.000000	.828236	2.567490
23	.279400	.365694	.960159	1.000000	.876801	2.696612
24	.292100	.389918	.973166	1.000000	.913022	2.789027
25	.304800	.402030	.979230	1.000000	.931130	2.834096
26	.317500	.413408	.984682	1.000000	.948138	2.875787
27	.330200	.423684	.989416	1.000000	.963499	2.912927
28	.342900	.432126	.993177	1.000000	.976116	2.943082
29	.355600	.437632	.995570	1.000000	.984344	2.962582
30	.368300	.441302	.997140	1.000000	.989829	2.975510
31	.381000	.443871	.998228	1.000000	.993669	2.984527
32	.393700	.445706	.998999	1.000000	.996411	2.990951
33	.406400	.446440	.999306	1.000000	.997508	2.993516
34	.419100	.447541	.999765	1.000000	.999154	2.997360
35	.431800	.447982	.999948	1.000000	.999812	2.998897
36	.444500	.448275	1.000070	1.000000	1.000251	2.999920
37	.457200	.448642	1.000222	1.000000	1.000799	3.001200
38	.469900	.449009	1.000374	1.000000	1.001348	3.002478
39	.482600	.449450	1.000556	1.000000	1.002006	3.004012
40	.495300	.449890	1.000738	1.000000	1.002664	3.005545
41	.508000	.450184	1.000859	1.000000	1.003103	3.006566
42	.533400	.451212	1.001282	1.000000	1.004639	3.010139
43	.558800	.451432	1.001373	1.000000	1.004968	3.010904

STATION X= 5.93 CM PTO= 23.583 N/SQ CM TTO=299.78K
R= 2.591 CM PWALL= .9542 N/SQ CM CF= .00168 PI = .922
UE= 609.8 M/SEC RHOE=.00902 KG/CUB M RE= 22.281E6 /M
DELTA= .364 CM DELTA*= .1137 CM THETA= .0214 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.040461	.000000	1.000000	.382045	.000000
2	.012700	.101434	.613340	1.000000	.497756	1.230598
3	.025400	.122354	.671450	1.000000	.529590	1.389600
4	.038100	.137403	.706289	1.000000	.552298	1.492710
5	.050800	.151350	.734457	1.000000	.573074	1.581169
6	.063500	.161626	.753259	1.000000	.588329	1.643087
7	.076200	.169701	.767250	1.000000	.600486	1.690810
8	.088900	.180345	.784217	1.000000	.616241	1.750726
9	.101600	.190181	.798824	1.000000	.630779	1.804247
10	.114300	.200531	.813202	1.000000	.646058	1.858833
11	.127000	.211175	.827039	1.000000	.661753	1.913287
12	.139700	.227691	.846829	1.000000	.686079	1.994753
13	.152400	.246777	.867495	1.000000	.714157	2.084828
14	.165100	.265862	.886314	1.000000	.742463	2.171858
15	.177800	.284214	.902631	1.000000	.769436	2.251660
16	.190500	.296693	.912930	1.000000	.787768	2.304321
17	.203200	.313576	.925952	1.000000	.812561	2.373682
18	.215900	.328257	.936507	1.000000	.834112	2.432368
19	.228600	.343672	.946898	1.000000	.856734	2.492484
20	.241300	.357619	.955745	1.000000	.877196	2.545639
21	.254000	.372301	.964539	1.000000	.898730	2.600406
22	.266700	.381109	.969579	1.000000	.911649	2.632714
23	.279400	.393588	.976437	1.000000	.929948	2.677810
24	.292100	.406801	.983467	1.000000	.949630	2.725482
25	.304800	.416344	.988263	1.000000	.963628	2.758886
26	.317500	.425153	.992549	1.000000	.976548	2.789363
27	.330200	.431025	.995333	1.000000	.985161	2.809496
28	.342900	.435062	.997215	1.000000	.991082	2.823254
29	.355600	.439100	.999070	1.000000	.997003	2.836944
30	.368300	.442036	1.000404	1.000000	1.001309	2.846859
31	.381000	.444238	1.001396	1.000000	1.004539	2.854273
32	.393700	.445706	1.002053	1.000000	1.006692	2.859204
33	.406400	.447321	1.002772	1.000000	1.009060	2.864619
34	.419100	.448496	1.003292	1.000000	1.010782	2.868551
35	.431800	.449009	1.003519	1.000000	1.011536	2.870269
36	.444500	.449890	1.003907	1.000000	1.012827	2.873212
37	.457200	.450478	1.004166	1.000000	1.013688	2.875173
38	.469900	.451358	1.004552	1.000000	1.014980	2.878111
39	.482600	.451652	1.004681	1.000000	1.015411	2.879090
40	.495300	.452166	1.004905	1.000000	1.016164	2.880802
41	.508000	.452313	1.004969	1.000000	1.016380	2.881291
42	.533400	.452680	1.005129	1.000000	1.016918	2.882513
43	.558800	.453047	1.005289	1.000000	1.017456	2.883735

ID NO. 21310-008

STATION X= 6.18 CM PTO= 23.583 N/SQ CM TTO=299.78K
R= 2.591 CM PWALL= 1.3610 N/SQ CM CF= .00192 PT =1.232
UE= 544.2 M/SEC RHOE=.00968 KG/CUB M RE= 16.256E6 /M
DELTA= .253 CM DELTA*= .0784 CM THETA= .0198 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.057709	.000000	1.000000	.507848	.000000
2	.012700	.099892	.542975	1.000000	.594042	.921205
3	.025400	.118537	.612956	1.000000	.623056	1.065027
4	.038100	.138871	.672422	1.000000	.653204	1.196284
5	.050800	.156855	.715556	1.000000	.678933	1.297851
6	.063500	.174472	.752318	1.000000	.703926	1.389417
7	.076200	.190989	.782906	1.000000	.727222	1.469640
8	.088900	.207138	.809600	1.000000	.749682	1.543040
9	.101600	.223287	.833872	1.000000	.772057	1.612843
10	.114300	.240170	.857297	1.000000	.795640	1.683284
11	.127000	.259256	.881194	1.000000	.821970	1.758603
12	.139700	.276873	.901384	1.000000	.846230	1.825247
13	.152400	.291554	.917010	1.000000	.866419	1.878910
14	.165100	.304767	.930241	1.000000	.884572	1.925884
15	.177800	.317980	.942756	1.000000	.902712	1.971705
16	.190500	.328404	.952164	1.000000	.917013	2.007094
17	.203200	.340002	.962186	1.000000	.932918	2.045732
18	.215900	.351747	.971887	1.000000	.949017	2.084112
19	.228600	.364960	.982485	1.000000	.967446	2.127194
20	.241300	.377439	.991870	1.000000	.984549	2.166415
21	.254000	.389184	1.000331	1.000000	1.000642	2.202678
22	.266700	.399094	1.007206	1.000000	1.014216	2.232809
23	.279400	.409003	1.013853	1.000000	1.027787	2.262531
24	.292100	.417812	1.019580	1.000000	1.039848	2.288623
25	.304800	.425520	1.024457	1.000000	1.050400	2.311207
26	.317500	.432126	1.028541	1.000000	1.059442	2.330388
27	.330200	.433961	1.029660	1.000000	1.061954	2.335688
28	.342900	.437632	1.031879	1.000000	1.066977	2.346251
29	.355600	.440568	1.033636	1.000000	1.070996	2.354667
30	.368300	.442623	1.034856	1.000000	1.073808	2.360540
31	.381000	.444385	1.035896	1.000000	1.076219	2.365562
32	.393700	.445486	1.036543	1.000000	1.077726	2.368696
33	.406400	.446460	1.037101	1.000000	1.079032	2.371408
34	.419100	.448275	1.038171	1.000000	1.081543	2.376615
35	.431800	.449376	1.038810	1.000000	1.083050	2.379733
36	.444500	.450845	1.039659	1.000000	1.085058	2.383885
37	.457200	.453267	1.041051	1.000000	1.088373	2.390720
38	.469900	.454882	1.041973	1.000000	1.090582	2.395265
39	.482600	.455983	1.042599	1.000000	1.092089	2.398359
40	.495300	.457011	1.043182	1.000000	1.093495	2.401243
41	.508000	.458552	1.044052	1.000000	1.095604	2.405563
42	.533400	.459653	1.044671	1.000000	1.097110	2.408644
43	.558800	.459947	1.044836	1.000000	1.097512	2.409465

STATION X= 6.44 CM PTO= 23.583 N/SQ CM TTO=299.78K
R= 2.591 CM PWALL= 1.4563 N/SQ CM CF= .00171 PI =1.411
UE= 553.4 M/SEC RHOE=.01071 KG/CUB M RE= 18.870E6 /M
DELTA= .272 CM DELTA*= .0877 CM THETA= .0212 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.061751	.000000	1.000000	.491073	.000000
2	.012700	.110977	.550467	1.000000	.580610	.954802
3	.025400	.122428	.592672	1.000000	.597969	1.043263
4	.038100	.141073	.642583	1.000000	.621723	1.153367
5	.050800	.159057	.685236	1.000000	.645271	1.253000
6	.063500	.179978	.727578	1.000000	.672160	1.357863
7	.076200	.196861	.757635	1.000000	.693733	1.436468
8	.088900	.214478	.785566	1.000000	.715919	1.513054
9	.101600	.229894	.807807	1.000000	.735251	1.576758
10	.114300	.248245	.832022	1.000000	.758192	1.649166
11	.127000	.265128	.852677	1.000000	.779505	1.713695
12	.139700	.284214	.873897	1.000000	.803280	1.782927
13	.152400	.303299	.893405	1.000000	.827016	1.849460
14	.165100	.320917	.910081	1.000000	.848898	1.908743
15	.177800	.338534	.925625	1.000000	.870758	1.966182
16	.190500	.356885	.940744	1.000000	.893509	2.024233
17	.203200	.372301	.952679	1.000000	.912607	2.071708
18	.215900	.389184	.965206	1.000000	.933825	2.123208
19	.228600	.407535	.977842	1.000000	.956554	2.177024
20	.241300	.421482	.986945	1.000000	.973821	2.217035
21	.254000	.435429	.995650	1.000000	.991083	2.256323
22	.266700	.441302	.999202	1.000000	.998349	2.272660
23	.279400	.443504	1.000518	1.000000	1.001074	2.278755
24	.292100	.442770	1.000080	1.000000	1.000166	2.276725
25	.304800	.440568	.998762	1.000000	.997441	2.270624
26	.317500	.440935	.998982	1.000000	.997895	2.271642
27	.330200	.442770	1.000080	1.000000	1.000166	2.276725
28	.342900	.444385	1.001041	1.000000	1.002164	2.281188
29	.355600	.446073	1.002041	1.000000	1.004253	2.285845
30	.368300	.447541	1.002906	1.000000	1.006069	2.289887
31	.381000	.449376	1.003982	1.000000	1.008339	2.294929
32	.393700	.450111	1.004411	1.000000	1.009248	2.296943
33	.406400	.450478	1.004625	1.000000	1.009702	2.297949
34	.419100	.450845	1.004839	1.000000	1.010156	2.298954
35	.431800	.451065	1.004967	1.000000	1.010428	2.299558
36	.444500	.451505	1.005223	1.000000	1.010973	2.300763
37	.457200	.452459	1.005776	1.000000	1.012153	2.303374
38	.469900	.453120	1.006159	1.000000	1.012971	2.305180
39	.482600	.454001	1.006667	1.000000	1.014060	2.307585
40	.495300	.454882	1.007174	1.000000	1.015150	2.309988
41	.508000	.455616	1.007596	1.000000	1.016058	2.311988
42	.533400	.457671	1.008772	1.000000	1.018601	2.317579
43	.558800	.460020	1.010106	1.000000	1.021506	2.323953

ID NO. 21310-010

STATION X= 6.69 CM PTO= 23.583 N/SQ CM TTO=299.78K
R= 2.591 CM PWALL= 1.5163 N/SQ CM CF= .00154 PT [illegible]=1.618
UE= 561.1 M/SEC RHOE=.01148 KG/CUB M RE= 21.082E6 /M
DELTA= .284 CM DELTA*= .0963 CM THETA= .0223 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.064296	.000000	1.000000	.476864	.000000
2	.012700	.114280	.538209	1.000000	.562032	.944990
3	.025400	.126392	.581517	1.000000	.579354	1.036643
4	.038100	.141440	.619888	1.000000	.596842	1.121600
5	.050800	.157956	.659337	1.000000	.617236	1.213189
6	.063500	.175940	.696613	1.000000	.639110	1.304292
7	.076200	.193558	.728292	1.000000	.659998	1.385709
8	.088900	.213744	.760806	1.000000	.683974	1.473631
9	.101600	.232830	.788048	1.000000	.706337	1.551149
10	.114300	.250447	.810882	1.000000	.726901	1.619163
11	.127000	.271001	.835394	1.000000	.751071	1.695614
12	.139700	.290820	.856740	1.000000	.774109	1.765408
13	.152400	.309172	.874945	1.000000	.795404	1.827552
14	.165100	.330459	.894427	1.000000	.820071	1.896994
15	.177800	.351013	.911775	1.000000	.843859	1.961634
16	.190500	.372301	.928412	1.000000	.868473	2.026349
17	.203200	.392854	.943337	1.000000	.892219	2.086881
18	.215900	.409003	.954535	1.000000	.911173	2.133965
19	.228600	.431025	.968660	1.000000	.936607	2.195561
20	.241300	.449376	.979709	1.000000	.957792	2.245577
21	.254000	.464058	.988115	1.000000	.974734	2.284789
22	.266700	.475068	.994185	1.000000	.987438	2.313755
23	.279400	.483877	.998903	1.000000	.997599	2.336665
24	.292100	.489015	1.001600	1.000000	1.003526	2.349925
25	.304800	.491218	1.002744	1.000000	1.006066	2.355584
26	.317500	.491585	1.002934	1.000000	1.006489	2.356526
27	.330200	.491585	1.002934	1.000000	1.006489	2.356526
28	.342900	.491585	1.002934	1.000000	1.006489	2.356526
29	.355600	.490337	1.002288	1.000000	1.005050	2.353322
30	.368300	.484244	.999097	1.000000	.998023	2.337615
31	.381000	.473600	.993387	1.000000	.985744	2.309914
32	.393700	.463324	.987704	1.000000	.973887	2.282844
33	.406400	.457084	.984168	1.000000	.966687	2.266249
34	.419100	.454662	.982778	1.000000	.963892	2.259773
35	.431800	.454295	.982566	1.000000	.963468	2.258790
36	.444500	.453928	.982355	1.000000	.963045	2.257807
37	.457200	.454148	.982482	1.000000	.963299	2.258397
38	.469900	.454662	.982778	1.000000	.963892	2.259773
39	.482600	.454882	.982905	1.000000	.964146	2.260362
40	.495300	.456497	.983832	1.000000	.966010	2.264681
41	.508000	.456864	.984042	1.000000	.966433	2.265661
42	.533400	.457084	.984168	1.000000	.966687	2.266249
43	.558800	.457818	.984588	1.000000	.967534	2.268208

STATION X= 6.95 CM PTO= 23.583 N/SQ CM TTO=299.78K
R= 2.591 CM PWALL= 1.5698 N/SQ CM CF= .00148 PT =1.734
UE= 560.8 M/SEC RHOE=.01187 KG/CUB M RE= 21.756E6 /M
DELTA= .280 CM DELTA*= .0972 CM THETA= .0224 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.066565	.000000	1.000000	.477504	.000000
2	.012700	.113546	.520417	1.000000	.556214	.907842
3	.025400	.128227	.573787	1.000000	.576711	1.019219
4	.038100	.143128	.611962	1.000000	.593670	1.102896
5	.050800	.159791	.651759	1.000000	.613720	1.194289
6	.063500	.177042	.687154	1.000000	.633894	1.279677
7	.076200	.196494	.722279	1.000000	.556434	1.368794
8	.088900	.215947	.753394	1.000000	.678823	1.451904
9	.101600	.236500	.782508	1.000000	.702144	1.533696
10	.114300	.257788	.809579	1.000000	.726191	1.613699
11	.127000	.276873	.831860	1.000000	.747926	1.682741
12	.139700	.297427	.853595	1.000000	.771043	1.753190
13	.152400	.317246	.872851	1.000000	.793293	1.818422
14	.165100	.339268	.892545	1.000000	.817979	1.888159
15	.177800	.361290	.910673	1.000000	.842634	1.955328
16	.190500	.382577	.926892	1.000000	.866443	2.018073
17	.203200	.406067	.943475	1.000000	.892693	2.085064
18	.215900	.428823	.958551	1.000000	.918418	2.148686
19	.228600	.447174	.969817	1.000000	.938916	2.198066
20	.241300	.465526	.980475	1.000000	.959406	2.246341
21	.254000	.478739	.987802	1.000000	.974155	2.280456
22	.266700	.489750	.993700	1.000000	.986442	2.308494
23	.279400	.501494	.999793	1.000000	.999547	2.338026
24	.292100	.507734	1.002950	1.000000	1.006507	2.353561
25	.304800	.513239	1.005691	1.000000	1.012649	2.367183
26	.317500	.515442	1.006777	1.000000	1.015105	2.372610
27	.330200	.516543	1.007317	1.000000	1.016333	2.375319
28	.342900	.516176	1.007137	1.000000	1.015924	2.374416
29	.355600	.515074	1.006596	1.000000	1.014696	2.371706
30	.368300	.512799	1.005474	1.000000	1.012158	2.366097
31	.381000	.509936	1.004051	1.000000	1.008964	2.359020
32	.393700	.506266	1.002212	1.000000	1.004870	2.349915
33	.406400	.503109	1.000615	1.000000	1.001348	2.342057
34	.419100	.500760	.999418	1.000000	.998728	2.336191
35	.431800	.497237	.997607	1.000000	.994797	2.327365
36	.444500	.491218	.994472	1.000000	.988081	2.312207
37	.457200	.485712	.991559	1.000000	.981937	2.298254
38	.469900	.505165	1.001656	1.000000	1.003641	2.347177
39	.482600	.511037	1.004600	1.000000	1.010192	2.361744
40	.495300	.510670	1.004417	1.000000	1.009783	2.360836
41	.508000	.510597	1.004381	1.000000	1.009701	2.360655
42	.533400	.510890	1.004527	1.000000	1.010029	2.361381
43	.558800	.511404	1.004782	1.000000	1.010502	2.362652

STATION X= 7.20 CM PTO= 23.583 N/SQ CM TTO=299.78K
R= 2.591 CM PWALL= 1.7156 N/SQ CM CF= .00141 PT =1.903
UE= 552.4 M/SEC RHOE=.01256 KG/CUB M RE= 22.019E6 /M
DELTA= .284 CM DELTA*= .0993 CM THETA= .0236 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.072745	.000000	1.000000	.493005	.000000
2	.012700	.119418	.510346	1.000000	.568010	.872175
3	.025400	.133512	.560500	1.000000	.586407	.973276
4	.038100	.146211	.597002	1.000000	.601738	1.050123
5	.050800	.159791	.629158	1.000000	.616788	1.120441
6	.063500	.178510	.669354	1.000000	.637906	1.212258
7	.076200	.197228	.704144	1.000000	.658550	1.295737
8	.088900	.215947	.735115	1.000000	.679049	1.373622
9	.101600	.235399	.763991	1.000000	.700216	1.449658
10	.114300	.257054	.792624	1.000000	.723434	1.528719
11	.127000	.278708	.818460	1.000000	.746553	1.603573
12	.139700	.301831	.843710	1.000000	.771409	1.680337
13	.152400	.322385	.864035	1.000000	.793251	1.745010
14	.165100	.347343	.886648	1.000000	.819724	1.820314
15	.177800	.367529	.903492	1.000000	.841104	1.878929
16	.190500	.389918	.920849	1.000000	.864789	1.941799
17	.203200	.412674	.937223	1.000000	.888839	2.003621
18	.215900	.433961	.951512	1.000000	.911319	2.059730
19	.228600	.455249	.965087	1.000000	.934096	2.115063
20	.241300	.475068	.976831	1.000000	.955018	2.164642
21	.254000	.489750	.985115	1.000000	.970509	2.200634
22	.266700	.504431	.993071	1.000000	.985996	2.236036
23	.279400	.515442	.998834	1.000000	.997609	2.262217
24	.292100	.522048	1.002212	1.000000	1.004575	2.277779
25	.304800	.528655	1.005532	1.000000	1.011541	2.293234
26	.317500	.532325	1.007352	1.000000	1.015410	2.301775
27	.330200	.560953	1.020977	1.000000	1.045585	2.367319
28	.342900	.586645	1.032407	1.000000	1.072655	2.424612
29	.355600	.588847	1.033355	1.000000	1.074975	2.429459
30	.368300	.588847	1.033355	1.000000	1.074975	2.429459
31	.381000	.588480	1.033197	1.000000	1.074589	2.428652
32	.393700	.587379	1.032724	1.000000	1.073429	2.426229
33	.406400	.585911	1.032091	1.000000	1.071882	2.422994
34	.419100	.584736	1.031583	1.000000	1.070645	2.420403
35	.431800	.582754	1.030722	1.000000	1.068557	2.416025
36	.444500	.581140	1.030018	1.000000	1.066855	2.412451
37	.457200	.578570	1.028892	1.000000	1.064149	2.406754
38	.469900	.574166	1.026945	1.000000	1.059508	2.396957
39	.482600	.569395	1.024812	1.000000	1.054481	2.386297
40	.495300	.563889	1.022320	1.000000	1.048679	2.373937
41	.508000	.560219	1.020640	1.000000	1.044811	2.365661
42	.533400	.555815	1.018603	1.000000	1.040170	2.355691
43	.558800	.545538	1.013763	1.000000	1.029338	2.332258

STATION X= 7.45 CM PTO= 23.583 N/SQ CM TTO=299.78K
R= 2.591 CM PWALL= 2.2334 N/SQ CM CF= .00094 PY= 3.443
UE= 532.9 M/SEC RHOE=.01527 KG/CUB M RE= 24.226E6 /M
DELTA= .282 CM DELTA*= .1130 CM THETA= .0267 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.094704	.000000	1.000000	.528199	.000000
2	.012700	.121106	.379222	1.000000	.566645	.603274
3	.025400	.131163	.433970	1.000000	.579708	.698281
4	.038100	.142541	.483415	1.000000	.593652	.787139
5	.050800	.155387	.528786	1.000000	.608470	.871697
6	.063500	.170435	.572339	1.000000	.624754	.956034
7	.076200	.187318	.614542	1.000000	.642719	1.041185
8	.088900	.202734	.642382	1.000000	.655896	1.099454
9	.101600	.224021	.680508	1.000000	.675867	1.182305
10	.114300	.243841	.711546	1.000000	.693968	1.252676
11	.127000	.269533	.747356	1.000000	.717194	1.337555
12	.139700	.295959	.779764	1.000000	.740677	1.418219
13	.152400	.320917	.807595	1.000000	.762977	1.490784
14	.165100	.346609	.833342	1.000000	.785597	1.560950
15	.177800	.376705	.860694	1.000000	.811998	1.639050
16	.190500	.406801	.885740	1.000000	.838603	1.714156
17	.203200	.450111	.917686	1.000000	.876426	1.815589
18	.215900	.489750	.943708	1.000000	.910969	1.903511
19	.228600	.520580	.962156	1.000000	.937799	1.969094
20	.241300	.548474	.977671	1.000000	.962052	2.026551
21	.254000	.566825	.987327	1.000000	.977998	2.063458
22	.266700	.582241	.995125	1.000000	.991388	2.093945
23	.279400	.590315	.999289	1.000000	.998731	2.110479
24	.292100	.596188	1.002136	1.000000	1.003834	2.121892
25	.304800	.598757	1.003370	1.000000	1.006066	2.126866
26	.317500	.599858	1.003896	1.000000	1.007023	2.128993
27	.330200	.600959	1.004422	1.000000	1.007980	2.131119
28	.342900	.600592	1.004247	1.000000	1.007661	2.130411
29	.355600	.600592	1.004247	1.000000	1.007661	2.130411
30	.368300	.600592	1.004247	1.000000	1.007661	2.130411
31	.381000	.600739	1.004317	1.000000	1.007788	2.130694
32	.393700	.601179	1.004527	1.000000	1.008171	2.131544
33	.406400	.601473	1.004666	1.000000	1.008426	2.132110
34	.419100	.600225	1.004072	1.000000	1.007342	2.129702
35	.431800	.598390	1.003194	1.000000	1.005747	2.126156
36	.444500	.597656	1.002842	1.000000	1.005110	2.124736
37	.457200	.597289	1.002665	1.000000	1.004791	2.124025
38	.469900	.596922	1.002489	1.000000	1.004472	2.123314
39	.482600	.595454	1.001782	1.000000	1.003196	2.120469
40	.495300	.593986	1.001072	1.000000	1.001921	2.117620
41	.508000	.591416	.999825	1.000000	.999688	2.112624
42	.533400	.589214	.998751	1.000000	.997775	2.108333
43	.558800	.586645	.997490	1.000000	.995542	2.103314

STATION X= 7.71 CM PTO= 23.583 N/SQ CM TTO=299.78K
R= 2.591 CM PWALL= 2.4666 N/SQ CM CF= .00076 PT =4.198
UE= 536.2 M/SEC RHOE=.01705 KG/CUB M RE= 27.513E6 /M
DELTA= .298 CM DELTA*= .1260 CM THETA= .0285 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.104593	.000000	1.000000	.522254	.000000
2	.012700	.127713	.340723	1.000000	.552920	.541846
3	.025400	.135567	.386678	1.000000	.562429	.620193
4	.038100	.147312	.441720	1.000000	.575941	.716933
5	.050800	.158690	.484806	1.000000	.588314	.795272
6	.063500	.170435	.522072	1.000000	.600439	.865183
7	.076200	.185483	.562177	1.000000	.615131	.942975
8	.088900	.203468	.604304	1.000000	.632624	1.027948
9	.101600	.222553	.635816	1.000000	.647262	1.093994
10	.114300	.244575	.671714	1.000000	.665765	1.172164
11	.127000	.269533	.707410	1.000000	.686343	1.253386
12	.139700	.293757	.738071	1.000000	.705988	1.326293
13	.152400	.323119	.770967	1.000000	.729372	1.408164
14	.165100	.352481	.800709	1.000000	.752852	1.485843
15	.177800	.386248	.831091	1.000000	.779466	1.569243
16	.190500	.420748	.858957	1.000000	.806550	1.649795
17	.203200	.455983	.884909	1.000000	.834412	1.728750
18	.215900	.492686	.909185	1.000000	.863106	1.806457
19	.228600	.533059	.933393	1.000000	.894612	1.888099
20	.241300	.570496	.953840	1.000000	.923784	1.960667
21	.254000	.601326	.969421	1.000000	.947785	2.018414
22	.266700	.632891	.984328	1.000000	.972339	2.075831
23	.279400	.652710	.993383	1.000000	.988078	2.111812
24	.292100	.665923	.999099	1.000000	.998356	2.134983
25	.304800	.669593	1.000660	1.000000	1.001210	2.141373
26	.317500	.671795	1.001592	1.000000	1.002923	2.145199
27	.330200	.668125	1.000037	1.000000	1.000068	2.138820
28	.342900	.660051	.996578	1.000000	.993788	2.124717
29	.355600	.651242	.992738	1.000000	.986936	2.109222
30	.368300	.639497	.987325	1.000000	.977477	2.087644
31	.381000	.629220	.982646	1.000000	.969485	2.069238
32	.393700	.622614	.979584	1.000000	.964347	2.057317
33	.406400	.617475	.977173	1.000000	.960350	2.047996
34	.419100	.613071	.975085	1.000000	.956924	2.039972
35	.431800	.610869	.974034	1.000000	.955210	2.035948
36	.444500	.609548	.973401	1.000000	.954182	2.033529
37	.457200	.608667	.972978	1.000000	.953497	2.031915
38	.469900	.608667	.972978	1.000000	.953497	2.031915
39	.482600	.609034	.973154	1.000000	.953783	2.032588
40	.495300	.608667	.972978	1.000000	.953497	2.031915
41	.508000	.608520	.972907	1.000000	.953383	2.031646
42	.533400	.608006	.972660	1.000000	.952983	2.030704
43	.558800	.605877	.971633	1.000000	.951327	2.026796

ID NO. 21310-015

STATION X= 7.96 CM PTO= 23.583 N/SQ CM TTO=299.78K
R= 2.591 CM PWALL= 2.5661 N/SQ CM CF= .00087 PI =3.820
UE= 520.5 M/SEC RHOE=.01685 KG/CUB M RE= 25.189E6 /M
DELTA= .286 CM DELTA*= .1158 CM THETA= .0283 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.108810	.000000	1.000000	.549809	.000000
2	.012700	.136668	.374247	1.000000	.586810	.580075
3	.025400	.144009	.413448	1.000000	.595647	.645644
4	.038100	.155020	.462222	1.000000	.608319	.729447
5	.050800	.165297	.500133	1.000000	.619578	.796546
6	.063500	.178510	.541267	1.000000	.633342	.871581
7	.076200	.194659	.583181	1.000000	.649209	.950764
8	.088900	.212276	.623508	1.000000	.666449	1.029918
9	.101600	.232096	.655892	1.000000	.681866	1.095870
10	.114300	.254117	.691497	1.000000	.700632	1.171150
11	.127000	.279075	.726999	1.000000	.721476	1.249460
12	.139700	.308071	.763215	1.000000	.745236	1.333126
13	.152400	.338534	.796699	1.000000	.769771	1.414336
14	.165100	.370832	.828724	1.000000	.795883	1.495933
15	.177800	.394322	.849754	1.000000	.814622	1.551846
16	.190500	.432493	.880862	1.000000	.844965	1.638342
17	.203200	.469196	.908009	1.000000	.874341	1.717939
18	.215900	.500760	.929130	1.000000	.899324	1.782838
19	.228600	.532325	.948647	1.000000	.924268	1.845360
20	.241300	.563155	.966347	1.000000	.948601	1.904374
21	.254000	.588847	.980177	1.000000	.968860	1.952146
22	.266700	.606464	.989219	1.000000	.982743	1.984220
23	.279400	.621880	.996856	1.000000	.994885	2.011853
24	.292100	.633625	1.002511	1.000000	1.004134	2.032648
25	.304800	.643901	1.007348	1.000000	1.012224	2.050667
26	.317500	.651976	1.011077	1.000000	1.018580	2.064711
27	.330200	.660785	1.015078	1.000000	1.025512	2.079922
28	.342900	.667391	1.018032	1.000000	1.030711	2.091255
29	.355600	.673264	1.020817	1.000000	1.035674	2.102019
30	.368300	.680604	1.024017	1.000000	1.041453	2.114483
31	.381000	.685743	1.026230	1.000000	1.045498	2.123163
32	.393700	.690881	1.028421	1.000000	1.049542	2.131808
33	.406400	.693083	1.029353	1.000000	1.051275	2.135502
34	.419100	.693083	1.029353	1.000000	1.051275	2.135502
35	.431800	.688679	1.027484	1.000000	1.047809	2.128107
36	.444500	.682072	1.024651	1.000000	1.042608	2.116967
37	.457200	.672530	1.020494	1.000000	1.035096	2.100768
38	.469900	.658582	1.014084	1.000000	1.023779	2.076130
39	.482600	.643167	1.007005	1.000000	1.011647	2.049385
40	.495300	.632891	1.002161	1.000000	1.003556	2.031355
41	.508000	.626284	.998993	1.000000	.998354	2.019677
42	.533400	.619677	.995780	1.000000	.993151	2.007929
43	.558800	.617475	.994699	1.000000	.991417	2.003998

STATION X= 8.22 CM PTO= 23.583 N/SQ CM TTO=299.78K
R= 2.591 CM PWALL= 2.7444 N/SQ CM CF= .00084 PT =3.920
UE= 517.2 M/SEC RHOE=.01784 KG/CUB M RE= 26.240E6 /M
DELTA= .292 CM DELTA*= .1177 CM THETA= .0290 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.116372	.000000	1.000000	.555590	.000000
2	.012700	.145771	.374498	1.000000	.592521	.576502
3	.025400	.153919	.415672	1.000000	.601801	.644877
4	.038100	.163829	.457700	1.000000	.612625	.716437
5	.050800	.174105	.494627	1.000000	.623367	.780997
6	.063500	.187318	.534917	1.000000	.636533	.853485
7	.076200	.200164	.568336	1.000000	.648711	.915441
8	.088900	.219617	.611067	1.000000	.666131	.997397
9	.101600	.238702	.644188	1.000000	.681221	1.063300
10	.114300	.259990	.678813	1.000000	.698661	1.134705
11	.127000	.287884	.717948	1.000000	.720676	1.218883
12	.139700	.313576	.749850	1.000000	.740669	1.290583
13	.152400	.342938	.782559	1.000000	.763337	1.367334
14	.165100	.375971	.815454	1.000000	.788650	1.448242
15	.177800	.406067	.842256	1.000000	.811392	1.517257
16	.190500	.442036	.871281	1.000000	.838456	1.595504
17	.203200	.484611	.902375	1.000000	.870659	1.683877
18	.215900	.519112	.925010	1.000000	.896484	1.751528
19	.228600	.551410	.944564	1.000000	.920618	1.812470
20	.241300	.581507	.961531	1.000000	.943078	1.867396
21	.254000	.609401	.976290	1.000000	.963873	1.916850
22	.266700	.632156	.987704	1.000000	.980824	1.956238
23	.279400	.648306	.995487	1.000000	.992848	1.983702
24	.292100	.657848	.999969	1.000000	.999951	1.999749
25	.304800	.668125	1.004703	1.000000	1.007599	2.016884
26	.317500	.673264	1.007034	1.000000	1.011422	2.025395
27	.330200	.674732	1.007696	1.000000	1.012514	2.027821
28	.342900	.673851	1.007299	1.000000	1.011859	2.026366
29	.355600	.672163	1.006537	1.000000	1.010603	2.023575
30	.368300	.669740	1.005438	1.000000	1.008800	2.019563
31	.381000	.666657	1.004033	1.000000	1.006506	2.014445
32	.393700	.664455	1.003023	1.000000	1.004868	2.010782
33	.406400	.664455	1.003023	1.000000	1.004868	2.010782
34	.419100	.663721	1.002686	1.000000	1.004321	2.009559
35	.431800	.664455	1.003023	1.000000	1.004868	2.010782
36	.444500	.667391	1.004368	1.000000	1.007052	2.015665
37	.457200	.671061	1.006038	1.000000	1.009783	2.021752
38	.469900	.675833	1.008191	1.000000	1.013333	2.029637
39	.482600	.682806	1.011303	1.000000	1.018521	2.041106
40	.495300	.687211	1.013247	1.000000	1.021797	2.048315
41	.508000	.694184	1.016291	1.000000	1.026983	2.059677
42	.533400	.701158	1.019296	1.000000	1.032169	2.070976
43	.558800	.701158	1.019296	1.000000	1.032169	2.070976

ID NO. 21310-017

STATION X= 8.47 CM PTO= 23.583 N/SQ CM TTO=299.78K
R= 2.591 CM PWALL= 2.8610 N/SQ CM CF= .00086 PI =3.805
UE= 515.2 M/SEC RHOE=.01848 KG/CUB M RE= 26.946E6 /M
DELTA= .299 CM DELTA*= .1186 CM THETA= .0297 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.121317	.000000	1.000000	.558910	.000000
2	.012700	.155020	.391614	1.000000	.599462	.602305
3	.025400	.163095	.428726	1.000000	.608222	.664183
4	.038100	.171756	.463013	1.000000	.617281	.722623
5	.050800	.181446	.496303	1.000000	.627036	.780676
6	.063500	.194292	.534254	1.000000	.639412	.848625
7	.076200	.208606	.570325	1.000000	.652531	.915167
8	.088900	.226590	.608780	1.000000	.668132	.988483
9	.101600	.246043	.641827	1.000000	.683017	1.053686
10	.114300	.268065	.676772	1.000000	.700413	1.125115
11	.127000	.291554	.709783	1.000000	.718595	1.195212
12	.139700	.320917	.745883	1.000000	.740667	1.275145
13	.152400	.346609	.774334	1.000000	.759879	1.340842
14	.165100	.379641	.806936	1.000000	.784120	1.419409
15	.177800	.416344	.839653	1.000000	.811162	1.502212
16	.190500	.451579	.867652	1.000000	.836768	1.576614
17	.203200	.489750	.895122	1.000000	.864410	1.653177
18	.215900	.526452	.919422	1.000000	.891218	1.724187
19	.228600	.559485	.939346	1.000000	.915053	1.784951
20	.241300	.592517	.957849	1.000000	.938854	1.843629
21	.254000	.621880	.973234	1.000000	.959986	1.894205
22	.266700	.640231	.982387	1.000000	.973183	1.925118
23	.279400	.660785	.992247	1.000000	.987957	1.959143
24	.292100	.673264	.998042	1.000000	.996923	1.979507
25	.304800	.680604	1.001387	1.000000	1.002196	1.991387
26	.317500	.685743	1.003701	1.000000	1.005886	1.999659
27	.330200	.688679	1.005012	1.000000	1.007995	2.004370
28	.342900	.690734	1.005926	1.000000	1.009471	2.007661
29	.355600	.691615	1.006317	1.000000	1.010103	2.009070
30	.368300	.692496	1.006707	1.000000	1.010736	2.010478
31	.381000	.692202	1.006577	1.000000	1.010525	2.010009
32	.393700	.691468	1.006252	1.000000	1.009998	2.008835
33	.406400	.690514	1.005829	1.000000	1.009313	2.007309
34	.419100	.689780	1.005502	1.000000	1.008785	2.006134
35	.431800	.688679	1.005012	1.000000	1.007995	2.004370
36	.444500	.687945	1.004685	1.000000	1.007468	2.003193
37	.457200	.686110	1.003865	1.000000	1.006150	2.000248
38	.469900	.683907	1.002877	1.000000	1.004568	1.996709
39	.482600	.681338	1.001719	1.000000	1.002723	1.992571
40	.495300	.678035	1.000222	1.000000	1.000350	1.987237
41	.508000	.676200	.999386	1.000000	.999032	1.984268
42	.533400	.673998	.998379	1.000000	.997450	1.980699
43	.558800	.675466	.999051	1.000000	.998505	1.983079

STATION X= 8.72 CM PTO= 23.583 N/SQ CM TTO=299.78K
R= 2.591 CM PWALL= 2.9022 N/SQ CM CF= .00095 PT [illegible] =3.393
UE= 516.9 M/SEC RHOE=.01885 KG/CUB M RE= 27.698E6 /M
DELTA= .308 CM DELTA*= .1180 CM THETA= .0300 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.123062	.000000	1.000000	.555992	.000000
2	.012700	.164563	.423614	1.000000	.504127	.657932
3	.025400	.172637	.455658	1.000000	.512452	.712559
4	.038100	.182914	.491045	1.000000	.522654	.774267
5	.050800	.193925	.523864	1.000000	.533141	.832943
6	.063500	.205670	.554422	1.000000	.643868	.888965
7	.076200	.219617	.586091	1.000000	.656052	.948594
8	.088900	.235032	.618779	1.000000	.669874	1.011994
9	.101600	.254117	.647498	1.000000	.683164	1.069417
10	.114300	.276873	.681786	1.000000	.700585	1.140315
11	.127000	.299629	.712334	1.000000	.717685	1.205860
12	.139700	.328257	.746482	1.000000	.738778	1.282103
13	.152400	.355417	.775680	1.000000	.758672	1.350069
14	.165100	.388817	.807668	1.000000	.782689	1.427821
15	.177800	.426621	.840386	1.000000	.809988	1.511348
16	.190500	.455983	.863237	1.000000	.830911	1.572365
17	.203200	.494154	.890392	1.000000	.858024	1.648076
18	.215900	.531591	.914893	1.000000	.884841	1.719684
19	.228600	.563155	.933744	1.000000	.907180	1.777136
20	.241300	.599858	.954067	1.000000	.933117	1.841591
21	.254000	.628486	.968860	1.000000	.953323	1.890284
22	.266700	.654178	.981422	1.000000	.971442	1.932904
23	.279400	.668125	.987979	1.000000	.981273	1.955639
24	.292100	.684274	.995354	1.000000	.992652	1.981629
25	.304800	.693083	.999283	1.000000	.998856	1.995658
26	.317500	.698222	1.001545	1.000000	1.002475	2.003796
27	.330200	.702626	1.003466	1.000000	1.005577	2.010744
28	.342900	.705195	1.004580	1.000000	1.007386	2.014785
29	.355600	.707030	1.005372	1.000000	1.008678	2.017667
30	.368300	.707030	1.005372	1.000000	1.008678	2.017667
31	.381000	.707030	1.005372	1.000000	1.008678	2.017667
32	.393700	.706663	1.005214	1.000000	1.008420	2.017091
33	.406400	.705929	1.004897	1.000000	1.007903	2.015938
34	.419100	.705489	1.004707	1.000000	1.007593	2.015247
35	.431800	.705195	1.004580	1.000000	1.007386	2.014785
36	.444500	.704681	1.004358	1.000000	1.007024	2.013978
37	.457200	.704094	1.004104	1.000000	1.006611	2.013054
38	.469900	.704094	1.004104	1.000000	1.006611	2.013054
39	.482600	.703433	1.003817	1.000000	1.006146	2.012015
40	.495300	.702993	1.003626	1.000000	1.005836	2.011322
41	.508000	.702626	1.003466	1.000000	1.005577	2.010744
42	.533400	.701158	1.002828	1.000000	1.004543	2.008430
43	.558800	.698222	1.001545	1.000000	1.002475	2.003796

ID NO. 21310-019

STATION X= 8.98 CM PTO= 23.583 N/SQ CM TTO=299.78K
R= 2.591 CM PWALL= 2.9845 N/SQ CM CF= .00102 PT =3.117
UE= 514.7 M/SEC RHOE=.01925 KG/CUB M RE= 28.000E6 /M
DELTA= .312 CM DELTA*= .1154 CM THETA= .0300 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.126552	.000000	1.000000	.559764	.000000
2	.012700	.173738	.443432	1.000000	.612812	.688361
3	.025400	.183648	.478808	1.000000	.622602	.749190
4	.038100	.194659	.512789	1.000000	.633046	.809061
5	.050800	.205670	.542477	1.000000	.643077	.862657
6	.063500	.218149	.572084	1.000000	.653992	.917426
7	.076200	.232830	.602599	1.000000	.666275	.975395
8	.088900	.248245	.632798	1.000000	.679560	1.034437
9	.101600	.267330	.659640	1.000000	.692399	1.088455
10	.114300	.287884	.689275	1.000000	.707806	1.149940
11	.127000	.301831	.707599	1.000000	.718037	1.189010
12	.139700	.333396	.745094	1.000000	.740824	1.271727
13	.152400	.366428	.779915	1.000000	.764477	1.352243
14	.165100	.399461	.810781	1.000000	.787730	1.426979
15	.177800	.433227	.839597	1.000000	.811644	1.499958
16	.190500	.466994	.865521	1.000000	.835210	1.568559
17	.203200	.505899	.892693	1.000000	.862269	1.643800
18	.215900	.546272	.918565	1.000000	.890570	1.718972
19	.228600	.585177	.941118	1.000000	.917523	1.787630
20	.241300	.610869	.955007	1.000000	.935298	1.831499
21	.254000	.643901	.971818	1.000000	.958127	1.886348
22	.266700	.664455	.981735	1.000000	.972320	1.919658
23	.279400	.679136	.988580	1.000000	.982453	1.943090
24	.292100	.693817	.995238	1.000000	.992583	1.966235
25	.304800	.701892	.998822	1.000000	.998152	1.978845
26	.317500	.706296	1.000755	1.000000	1.001190	1.985689
27	.330200	.709966	1.002354	1.000000	1.003721	1.991374
28	.342900	.712903	1.003625	1.000000	1.005746	1.995910
29	.355600	.715105	1.004574	1.000000	1.007264	1.999305
30	.368300	.714371	1.004259	1.000000	1.006758	1.998174
31	.381000	.714371	1.004259	1.000000	1.006758	1.998174
32	.393700	.714151	1.004164	1.000000	1.006606	1.997834
33	.406400	.713490	1.003879	1.000000	1.006151	1.996816
34	.419100	.712756	1.003562	1.000000	1.005645	1.995683
35	.431800	.712022	1.003245	1.000000	1.005138	1.994550
36	.444500	.710554	1.002609	1.000000	1.004126	1.992282
37	.457200	.708131	1.001556	1.000000	1.002455	1.988534
38	.469900	.703360	.999468	1.000000	.999165	1.981129
39	.482600	.697120	.996711	1.000000	.994861	1.971404
40	.495300	.690367	.993690	1.000000	.990202	1.960821
41	.508000	.682806	.990262	1.000000	.984986	1.948903
42	.533400	.668125	.983464	1.000000	.974854	1.925543
43	.558800	.650508	.975049	1.000000	.962690	1.897121

STATION X= 9.23 CM PTO= 23.583 N/SQ CM TTO=299.78K
R= 2.591 CM PWALL= 3.0771 N/SQ CM CF= .00111 PT[illegible]=2.801
UE= 510.6 M/SEC RHOE=.01960 KG/CUB M RE= 27.966E6 /M
DELTA= .305 CM DELTA*= .1085 CM THETA= .0292 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.130478	.000000	1.000000	.566814	.000000
2	.012700	.185850	.471072	1.000000	.627095	.729216
3	.025400	.196127	.503736	1.000000	.636813	.785797
4	.038100	.207138	.534385	1.000000	.646829	.840139
5	.050800	.219617	.564887	1.000000	.657731	.895546
6	.063500	.232096	.591831	1.000000	.668200	.945698
7	.076200	.247511	.623385	1.000000	.681545	1.006018
8	.088900	.265128	.648506	1.000000	.693080	1.055377
9	.101600	.287884	.682354	1.000000	.710022	1.123952
10	.114300	.309172	.710644	1.000000	.725650	1.183695
11	.127000	.332662	.738899	1.000000	.742396	1.244528
12	.139700	.361290	.769888	1.000000	.762627	1.314272
13	.152400	.390652	.798370	1.000000	.783012	1.380989
14	.165100	.423684	.827750	1.000000	.806057	1.452727
15	.177800	.458919	.855872	1.000000	.830273	1.524479
16	.190500	.496356	.883008	1.000000	.855899	1.596900
17	.203200	.530123	.905419	1.000000	.878944	1.659328
18	.215900	.569028	.929423	1.000000	.905740	1.729089
19	.228600	.603528	.948851	1.000000	.929212	1.787958
20	.241300	.631422	.963569	1.000000	.948164	1.834115
21	.254000	.658582	.977132	1.000000	.966600	1.877927
22	.266700	.679136	.986932	1.000000	.980542	1.910390
23	.279400	.695285	.994369	1.000000	.991491	1.935503
24	.292100	.704094	.998333	1.000000	.997461	1.949060
25	.304800	.707764	.999966	1.000000	.999948	1.954681
26	.317500	.709232	1.000616	1.000000	1.000943	1.956924
27	.330200	.706296	.999314	1.000000	.998953	1.952434
28	.342900	.701892	.997348	1.000000	.995968	1.945680
29	.355600	.698222	.995698	1.000000	.993481	1.940033
30	.368300	.693083	.993368	1.000000	.989998	1.932098
31	.381000	.687945	.991016	1.000000	.986514	1.924130
32	.393700	.682072	.988301	1.000000	.982533	1.914981
33	.406400	.676200	.985555	1.000000	.978551	1.905788
34	.419100	.669226	.982255	1.000000	.973821	1.894810
35	.431800	.662987	.979265	1.000000	.969588	1.884932
36	.444500	.656747	.976238	1.000000	.965355	1.875000
37	.457200	.649774	.972812	1.000000	.960623	1.863835
38	.469900	.642066	.968971	1.000000	.955391	1.851413
39	.482600	.634505	.965146	1.000000	.950258	1.839143
40	.495300	.626284	.960920	1.000000	.944674	1.825704
41	.508000	.618209	.956702	1.000000	.939189	1.812404
42	.533400	.602794	.948453	1.000000	.928713	1.786727
43	.558800	.587452	.939976	1.000000	.918280	1.760784

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STATION X= 9.49 CM PTO= 23.583 N/SQ CM TTO=299.78K
R= 2.591 CM PWALL= 2.8851 N/SQ CM CF= .00142 PT[illegible]=2.007
UE= 508.1 M/SEC RHOE=.01824 KG/CUB M RE= 25.734E6 /M
DELTA= .307 CM DELTA*= .0976 CM THETA= .0278 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.122334	.000000	1.000000	.570984	.000000
2	.012700	.196861	.544281	1.000000	.654117	.853219
3	.025400	.207872	.572394	1.000000	.664368	.904294
4	.038100	.218883	.597462	1.000000	.674238	.950882
5	.050800	.232096	.626464	1.000000	.686584	1.006128
6	.063500	.245309	.648817	1.000000	.696832	1.049774
7	.076200	.259990	.670499	1.000000	.707427	1.093073
8	.088900	.275405	.693831	1.000000	.719603	1.140802
9	.101600	.296693	.723180	1.000000	.736156	1.202655
10	.114300	.319448	.751467	1.000000	.753542	1.264367
11	.127000	.341470	.776584	1.000000	.770280	1.321062
12	.139700	.364960	.800939	1.000000	.787798	1.377898
13	.152400	.394322	.829130	1.000000	.809826	1.446200
14	.165100	.427355	.857631	1.000000	.834228	1.518263
15	.177800	.455249	.879685	1.000000	.854757	1.576371
16	.190500	.486079	.902219	1.000000	.877382	1.638010
17	.203200	.517644	.923606	1.000000	.900790	1.699427
18	.215900	.542602	.939561	1.000000	.919051	1.745841
19	.228600	.571964	.956979	1.000000	.940505	1.798842
20	.241300	.595454	.970125	1.000000	.957650	1.840099
21	.254000	.616741	.981485	1.000000	.973174	1.876675
22	.266700	.632891	.989776	1.000000	.984944	1.903937
23	.279400	.643167	.994912	1.000000	.992432	1.921078
24	.292100	.648306	.997441	1.000000	.996174	1.929589
25	.304800	.653077	.999766	1.000000	.999649	1.937458
26	.317500	.654178	1.000300	1.000000	1.000451	1.939269
27	.330200	.652710	.999588	1.000000	.999382	1.936854
28	.342900	.649774	.998159	1.000000	.997244	1.932014
29	.355600	.645369	.995999	1.000000	.994036	1.924730
30	.368300	.641332	.994003	1.000000	.991095	1.918029
31	.381000	.635827	.991254	1.000000	.987084	1.908851
32	.393700	.631055	.988847	1.000000	.983607	1.900859
33	.406400	.625550	.986041	1.000000	.979595	1.891595
34	.419100	.620045	.983203	1.000000	.975582	1.882284
35	.431800	.614539	.980333	1.000000	.971569	1.872925
36	.444500	.608667	.977236	1.000000	.967287	1.862889
37	.457200	.602794	.974100	1.000000	.963004	1.852796
38	.469900	.596922	.970925	1.000000	.958721	1.842645
39	.482600	.590315	.967306	1.000000	.953901	1.831156
40	.495300	.584443	.964046	1.000000	.949615	1.820881
41	.508000	.577836	.960328	1.000000	.944793	1.809248
42	.533400	.565357	.953159	1.000000	.935681	1.787060
43	.558800	.552144	.945348	1.000000	.926027	1.763249

STATION X= 9.74 CM PTO= 23.583 N/SQ CM TTO=299.78K
R= 2.591 CM PWALL= 2.3809 N/SQ CM CF= .00178 PT[illegible]=1.189
UE= 524.9 M/SEC RHOE=.01586 KG/CUB M RE= 24.200E6 /M
DELTA= .339 CM DELTA*= .0920 CM THETA= .0260 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.100957	.000000	1.000000	.542209	.000000
2	.012700	.207505	.635750	1.000000	.665311	1.065452
3	.025400	.215947	.651840	1.000000	.673145	1.098831
4	.038100	.229160	.674742	1.000000	.684972	1.147386
5	.050800	.240170	.692947	1.000000	.694979	1.186920
6	.063500	.253383	.713022	1.000000	.706683	1.231546
7	.076200	.268065	.733505	1.000000	.719401	1.278275
8	.088900	.282746	.752977	1.000000	.732275	1.323898
9	.101600	.303299	.777816	1.000000	.749905	1.383934
10	.114300	.320917	.797824	1.000000	.765177	1.433915
11	.127000	.337800	.815518	1.000000	.779554	1.479421
12	.139700	.357619	.834964	1.000000	.796377	1.530955
13	.152400	.376705	.852488	1.000000	.812533	1.578862
14	.165100	.397625	.870493	1.000000	.830202	1.629643
15	.177800	.421482	.889914	1.000000	.850585	1.686329
16	.190500	.440568	.904309	1.000000	.866661	1.729725
17	.203200	.467728	.923510	1.000000	.889504	1.789580
18	.215900	.488281	.937136	1.000000	.906769	1.833522
19	.228600	.511771	.951848	1.000000	.926481	1.882439
20	.241300	.528655	.961901	1.000000	.940637	1.916801
21	.254000	.547006	.972373	1.000000	.956016	1.953443
22	.266700	.561687	.980429	1.000000	.968313	1.982255
23	.279400	.574166	.987066	1.000000	.978761	2.006411
24	.292100	.585177	.992768	1.000000	.987978	2.027480
25	.304800	.592517	.996491	1.000000	.994121	2.041402
26	.317500	.597656	.999062	1.000000	.998420	2.051090
27	.330200	.599491	.999974	1.000000	.999955	2.054538
28	.342900	.599491	.999974	1.000000	.999955	2.054538
29	.355600	.599124	.999792	1.000000	.999648	2.053849
30	.368300	.596922	.998697	1.000000	.997806	2.049709
31	.381000	.594720	.997597	1.000000	.995963	2.045560
32	.393700	.591783	.996122	1.000000	.993506	2.040014
33	.406400	.588113	.994264	1.000000	.990435	2.033061
34	.419100	.582975	.991638	1.000000	.986135	2.023284
35	.431800	.580038	.990124	1.000000	.983677	2.017676
36	.444500	.576368	.988218	1.000000	.980605	2.010643
37	.457200	.570496	.985134	1.000000	.975689	1.999338
38	.469900	.565724	.982597	1.000000	.971694	1.990104
39	.482600	.560953	.980033	1.000000	.967698	1.980825
40	.495300	.555815	.977240	1.000000	.963395	1.970783
41	.508000	.550309	.974210	1.000000	.958783	1.959964
42	.533400	.539665	.968239	1.000000	.949866	1.938872
43	.558800	.529022	.962115	1.000000	.940945	1.917541

ID NO. 21310-023

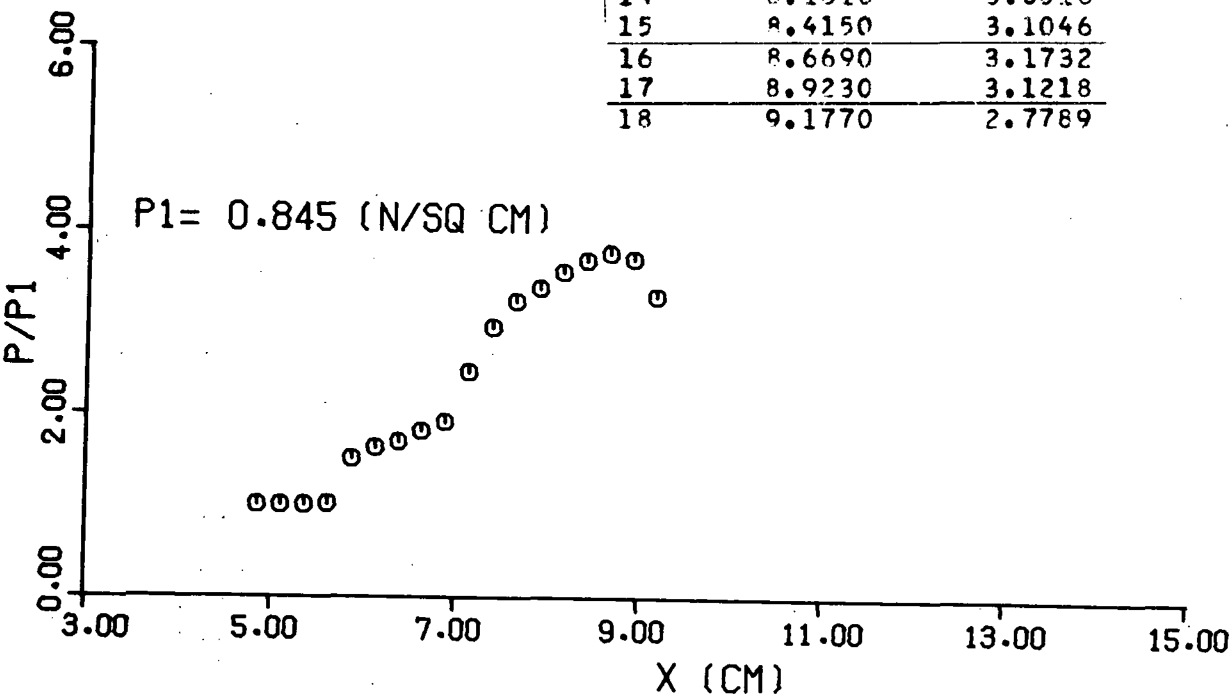
STATION X= 9.99 CM PTO= 23.583 N/SQ CM TTO=299.78K
R= 2.591 CM PWALL= 1.9968 N/SQ CM CF= .00204 PI = .720
UE= 539.2 M/SEC RHOE=.01395 KG/CUB M RE= 22.836E6 /M
DELTA= .381 CM DELTA*= .0894 CM THETA= .0246 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.084670	.000000	1.000000	.516964	.000000
2	.012700	.208606	.687186	1.000000	.669730	1.215540
3	.025400	.226590	.716838	1.000000	.687645	1.284837
4	.038100	.237234	.733188	1.000000	.698282	1.324268
5	.050800	.247511	.747847	1.000000	.708315	1.360413
6	.063500	.258522	.762745	1.000000	.719024	1.397964
7	.076200	.270267	.778102	1.000000	.730640	1.437584
8	.088900	.279809	.789770	1.000000	.739880	1.468339
9	.101600	.295225	.807631	1.000000	.754767	1.516576
10	.114300	.306235	.819707	1.000000	.765375	1.550033
11	.127000	.320917	.835011	1.000000	.779492	1.593466
12	.139700	.335598	.849482	1.000000	.793581	1.635668
13	.152400	.351747	.864778	1.000000	.809317	1.681546
14	.165100	.368630	.879626	1.000000	.825485	1.727619
15	.177800	.386982	.894837	1.000000	.843035	1.775872
16	.190500	.406067	.909727	1.000000	.861266	1.824840
17	.203200	.423684	.922710	1.000000	.878076	1.868859
18	.215900	.442036	.935525	1.000000	.895573	1.913597
19	.228600	.455249	.944337	1.000000	.908162	1.945152
20	.241300	.472866	.955587	1.000000	.924938	1.986421
21	.254000	.488281	.964994	1.000000	.939609	2.021823
22	.266700	.502963	.973599	1.000000	.953575	2.054957
23	.279400	.511771	.978606	1.000000	.961952	2.074577
24	.292100	.524984	.986091	1.000000	.974838	2.104399
25	.304800	.533793	.990824	1.000000	.983217	2.123567
26	.317500	.541133	.994689	1.000000	.990198	2.139407
27	.330200	.547006	.997731	1.000000	.995783	2.151993
28	.342900	.549942	.999236	1.000000	.998575	2.158258
29	.355600	.551410	.999984	1.000000	.999971	2.161383
30	.368300	.552144	1.000358	1.000000	1.000669	2.162945
31	.381000	.551410	.999984	1.000000	.999971	2.161383
32	.393700	.550676	.999611	1.000000	.999273	2.159821
33	.406400	.549208	.998861	1.000000	.997877	2.156693
34	.419100	.546639	.997542	1.000000	.995434	2.151209
35	.431800	.544070	.996216	1.000000	.992991	2.145709
36	.444500	.541133	.994689	1.000000	.990198	2.139407
37	.457200	.538564	.993344	1.000000	.987755	2.133877
38	.469900	.535261	.991602	1.000000	.984613	2.126745
39	.482600	.533059	.990433	1.000000	.982519	2.121977
40	.495300	.529022	.988273	1.000000	.978678	2.113206
41	.508000	.525351	.986290	1.000000	.975187	2.105201
42	.533400	.518011	.982084	1.000000	.967885	2.088361
43	.558800	.511037	.978193	1.000000	.961254	2.072949

ID NO. 21310-024

PTO= 23.4398 N/SQ CM
TTO= 298.6667 K
PBAR= 749.2000 MMHG
TMAN= 298.6667 K

I	X(CM)	P(N/SQ CM)
1	4.8590	.8447
2	5.1130	.8447
3	5.3670	.8447
4	5.6210	.8550
5	5.8750	1.2699
6	6.1290	1.3728
7	6.3830	1.4242
8	6.6370	1.5271
9	6.8910	1.6129
10	7.1450	2.0758
11	7.3990	2.4874
12	7.6530	2.7274
13	7.9070	2.8474
14	8.1610	3.0018
15	8.4150	3.1046
16	8.6690	3.1732
17	8.9230	3.1218
18	9.1770	2.7789



ID NO. 21310 -024

ID NO. 21310-025

STATION X= 4.86 CM PTO= 23.440 N/SQ CM TTO=298.67K
R= 2.591 CM PWALL= .8447 N/SQ CM CF= .00195 PT[illegible]= .758
UE= 598.9 M/SEC RHOE=.00762 KG/CUB M RE= 17.657E6 /M
DELTA= .322 CM DELTA*= .0951 CM THETA= .0189 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.036038	.000000	1.000000	.401784	.000000
2	.012700	.070684	.542816	1.000000	.487758	1.034361
3	.025400	.107169	.677293	1.000000	.553739	1.375142
4	.038100	.128513	.732400	1.000000	.591632	1.537064
5	.050800	.144761	.767193	1.000000	.620134	1.648410
6	.063500	.158055	.792496	1.000000	.643585	1.734675
7	.076200	.170388	.813528	1.000000	.665112	1.810246
8	.088900	.180211	.828954	1.000000	.682230	1.868158
9	.101600	.191289	.845119	1.000000	.701513	1.931317
10	.114300	.201924	.859545	1.000000	.720007	1.990008
11	.127000	.214184	.874998	1.000000	.741308	2.055532
12	.139700	.224967	.887825	1.000000	.760282	2.112188
13	.152400	.237079	.901118	1.000000	.781315	2.173265
14	.165100	.248896	.913237	1.000000	.801824	2.231212
15	.177800	.259974	.923909	1.000000	.821043	2.284180
16	.190500	.272530	.935276	1.000000	.842817	2.342741
17	.203200	.285085	.945940	1.000000	.864582	2.399854
18	.215900	.296163	.954819	1.000000	.883782	2.449128
19	.228600	.307980	.963788	1.000000	.904256	2.500605
20	.241300	.318689	.971503	1.000000	.922807	2.546347
21	.254000	.327921	.977862	1.000000	.938797	2.585124
22	.266700	.335676	.983007	1.000000	.952226	2.617248
23	.279400	.343431	.987984	1.000000	.965654	2.648979
24	.292100	.350078	.992121	1.000000	.977163	2.675875
25	.304800	.355986	.995813	1.000000	.987710	2.700290
26	.317500	.361894	.999308	1.000000	.997945	2.723771
27	.330200	.365587	1.001450	1.000000	1.004341	2.738344
28	.342900	.370018	1.003979	1.000000	1.012016	2.755729
29	.355600	.372234	1.005227	1.000000	1.015853	2.764380
30	.368300	.374450	1.006464	1.000000	1.019691	2.772003
31	.381000	.376296	1.007486	1.000000	1.022888	2.780169
32	.393700	.377552	1.008177	1.000000	1.025063	2.785032
33	.406400	.378881	1.008905	1.000000	1.027365	2.790171
34	.419100	.379989	1.009509	1.000000	1.029284	2.794446
35	.431800	.380358	1.009710	1.000000	1.029923	2.795869
36	.444500	.380506	1.009790	1.000000	1.030179	2.796439
37	.457200	.380727	1.009910	1.000000	1.030563	2.797292
38	.469900	.381318	1.010230	1.000000	1.031586	2.799567
39	.482600	.381318	1.010230	1.000000	1.031586	2.799567
40	.495300	.381318	1.010230	1.000000	1.031586	2.799567
41	.508000	.381318	1.010230	1.000000	1.031586	2.799567
42	.520700	.381540	1.010350	1.000000	1.031970	2.800420
43	.533400	.381835	1.010509	1.000000	1.032481	2.801557

STATION X= 5.11 CM PTO= 23.440 N/SQ CM TTO=298.67K
R= 2.591 CM PWALL= .8447 N/SQ CM CF= .00191 PT = .781
UE= 600.6 M/SEC RHOE=.00768 KG/CUB M RE= 17.997E6 /M
DELTA= .329 CM DELTA*= .0983 CM THETA= .0194 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.036038	.000000	1.000000	.398492	.000000
2	.012700	.070906	.542551	1.000000	.484230	1.037201
3	.025400	.104140	.666608	1.000000	.543860	1.350549
4	.038100	.127405	.727834	1.000000	.584851	1.529154
5	.050800	.143653	.762880	1.000000	.613129	1.641074
6	.063500	.156947	.788341	1.000000	.636392	1.727718
7	.076200	.169133	.809251	1.000000	.657491	1.802704
8	.088900	.179473	.825563	1.000000	.675364	1.863868
9	.101600	.189443	.840200	1.000000	.692579	1.920940
10	.114300	.200891	.855834	1.000000	.712325	1.984381
11	.127000	.212338	.870354	1.000000	.732053	2.045802
12	.139700	.223416	.883625	1.000000	.751380	2.104236
13	.152400	.235233	.896687	1.000000	.771734	2.164068
14	.165100	.247050	.908697	1.000000	.792077	2.222259
15	.177800	.259236	.920687	1.000000	.813045	2.280688
16	.190500	.269945	.930439	1.000000	.831465	2.330807
17	.203200	.282870	.941519	1.000000	.853689	2.389876
18	.215900	.293948	.950469	1.000000	.872732	2.439354
19	.228600	.304657	.958681	1.000000	.891136	2.486236
20	.241300	.316843	.967541	1.000000	.912074	2.538520
21	.254000	.325705	.973684	1.000000	.927299	2.575871
22	.266700	.336784	.981033	1.000000	.946327	2.621805
23	.279400	.344169	.985740	1.000000	.959010	2.651981
24	.292100	.351555	.990303	1.000000	.971692	2.681815
25	.304800	.358940	.994837	1.000000	.984693	2.712056
26	.317500	.364110	.997855	1.000000	.993574	2.732524
27	.330200	.368172	1.000183	1.000000	1.000552	2.748498
28	.342900	.371496	1.002059	1.000000	1.006261	2.761499
29	.355600	.373711	1.003296	1.000000	1.010067	2.770132
30	.368300	.374450	1.003706	1.000000	1.011336	2.773003
31	.381000	.375188	1.004115	1.000000	1.012604	2.775872
32	.393700	.376296	1.004725	1.000000	1.014507	2.780169
33	.406400	.377404	1.005334	1.000000	1.016410	2.784460
34	.419100	.378512	1.005939	1.000000	1.018313	2.788744
35	.431800	.379029	1.006221	1.000000	1.019201	2.790741
36	.444500	.379103	1.006261	1.000000	1.019328	2.791026
37	.457200	.379250	1.006341	1.000000	1.019581	2.791596
38	.469900	.379250	1.006341	1.000000	1.019581	2.791596
39	.482600	.379250	1.006341	1.000000	1.019581	2.791596
40	.495300	.390698	1.012431	1.000000	1.039243	2.835438
41	.508000	.417286	1.025594	1.000000	1.084901	2.934722
42	.520700	.423933	1.028689	1.000000	1.096314	2.959020
43	.533400	.424819	1.029096	1.000000	1.097835	2.962244

ID NO. 21310-027

STATION X= 5.37 CM PTO= 23.440 N/SQ CM TTO=298.67K
R= 2.591 CM PWALL= .8447 N/SQ CM CF= .00192 PI = .783
UE= 600.0 M/SEC RHOE=.00766 KG/CUB M RE= 17.882E6 /M
DELTA= .330 CM DELTA*= .0985 CM THETA= .0195 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.036038	.000000	1.000000	.399593	.000000
2	.012700	.071644	.546566	1.000000	.486930	1.045381
3	.025400	.103771	.666120	1.000000	.544709	1.347515
4	.038100	.126297	.725513	1.000000	.584528	1.521200
5	.050800	.142914	.762092	1.000000	.613537	1.636164
6	.063500	.155617	.786659	1.000000	.635840	1.719330
7	.076200	.167656	.807558	1.000000	.656745	1.793789
8	.088900	.177995	.824061	1.000000	.674671	1.855259
9	.101600	.188335	.839392	1.000000	.692576	1.914685
10	.114300	.199413	.854665	1.000000	.711740	1.976313
11	.127000	.209753	.867961	1.000000	.729611	2.032099
12	.139700	.221570	.882144	1.000000	.750020	2.093991
13	.152400	.233387	.895525	1.000000	.770678	2.154831
14	.165100	.245573	.908246	1.000000	.791716	2.215070
15	.177800	.258497	.920838	1.000000	.814018	2.277190
16	.190500	.269206	.930636	1.000000	.832489	2.327385
17	.203200	.282131	.941768	1.000000	.854775	2.386540
18	.215900	.292471	.950174	1.000000	.872598	2.432816
19	.228600	.304657	.959559	1.000000	.893599	2.486236
20	.241300	.314627	.966852	1.000000	.910777	2.529095
21	.254000	.324967	.974073	1.000000	.928589	2.572779
22	.266700	.333829	.980005	1.000000	.943854	2.609636
23	.279400	.341954	.985246	1.000000	.957845	2.642965
24	.292100	.350078	.990309	1.000000	.971834	2.675875
25	.304800	.355247	.993552	1.000000	.981052	2.697341
26	.317500	.359679	.996165	1.000000	.988686	2.714990
27	.330200	.366326	1.000045	1.000000	1.000136	2.741249
28	.342900	.368911	1.001519	1.000000	1.004589	2.751393
29	.355600	.371496	1.002977	1.000000	1.009042	2.761499
30	.368300	.373711	1.004216	1.000000	1.012858	2.770132
31	.381000	.380358	1.007866	1.000000	1.024307	2.795869
32	.393700	.407684	1.021926	1.000000	1.071367	2.899264
33	.406400	.419132	1.027402	1.000000	1.091078	2.941492
34	.419100	.422455	1.028950	1.000000	1.096800	2.953637
35	.431800	.424671	1.029972	1.000000	1.100615	2.961707
36	.444500	.426148	1.030648	1.000000	1.103158	2.967074
37	.457200	.426517	1.030817	1.000000	1.103794	2.968415
38	.469900	.428290	1.031623	1.000000	1.106846	2.974840
39	.482600	.430432	1.032590	1.000000	1.110533	2.982585
40	.495300	.432426	1.033484	1.000000	1.113966	2.989777
41	.508000	.434272	1.034306	1.000000	1.117145	2.996422
42	.520700	.436857	1.035448	1.000000	1.121595	3.005699
43	.533400	.437965	1.035934	1.000000	1.123502	3.009666

ID NO. 21310-028

STATION X= 5.62 CM PTO= 23.440 N/SQ CM TTO=298.67K
R= 2.591 CM PWALL= .8550 N/SQ CM CF= .00160 PT [illegible]= .943
UE= 618.6 M/SEC RHOE=.00856 KG/CUB M RE= 22.739E6 /M
DELTA= .391 CM DELTA*= .1260 CM THETA= .0222 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.036477	.000000	1.000000	.361854	.000000
2	.012700	.071644	.525942	1.000000	.439420	1.035276
3	.025400	.102811	.639680	1.000000	.489735	1.329297
4	.038100	.124155	.695689	1.000000	.523554	1.494770
5	.050800	.141068	.732163	1.000000	.550002	1.612383
6	.063500	.155617	.759715	1.000000	.572840	1.707462
7	.076200	.166917	.778853	1.000000	.590403	1.777085
8	.088900	.177774	.795773	1.000000	.607248	1.841412
9	.101600	.187227	.809476	1.000000	.621898	1.895581
10	.114300	.197567	.823488	1.000000	.637906	1.953052
11	.127000	.209015	.837937	1.000000	.655612	2.014715
12	.139700	.220462	.851391	1.000000	.673305	2.074499
13	.152400	.230433	.862539	1.000000	.688936	2.125919
14	.165100	.242249	.874769	1.000000	.707192	2.184443
15	.177800	.254214	.886361	1.000000	.725667	2.242114
16	.190500	.265883	.896973	1.000000	.743678	2.296943
17	.203200	.276223	.905855	1.000000	.759632	2.344439
18	.215900	.288039	.915459	1.000000	.777859	2.397553
19	.228600	.299118	.923976	1.000000	.794943	2.446286
20	.241300	.310196	.932059	1.000000	.812023	2.494056
21	.254000	.320536	.939243	1.000000	.827960	2.537822
22	.266700	.335307	.948948	1.000000	.850724	2.599053
23	.279400	.361156	.964631	1.000000	.890835	2.703577
24	.292100	.382574	.976348	1.000000	.923843	2.786650
25	.304800	.397345	.983877	1.000000	.946603	2.842518
26	.317500	.405469	.987842	1.000000	.959119	2.872780
27	.330200	.410639	.990303	1.000000	.967084	2.891871
28	.342900	.415439	.992547	1.000000	.974480	2.909485
29	.355600	.420978	.995088	1.000000	.983013	2.929678
30	.368300	.425410	.997085	1.000000	.989839	2.945731
31	.381000	.429472	.998888	1.000000	.996096	2.960370
32	.393700	.432426	1.000183	1.000000	1.000646	2.970971
33	.406400	.433903	1.000826	1.000000	1.002922	2.976257
34	.419100	.435380	1.001465	1.000000	1.005197	2.981534
35	.431800	.436486	1.001942	1.000000	1.006903	2.985486
36	.444500	.437817	1.002512	1.000000	1.008951	2.990220
37	.457200	.440107	1.003488	1.000000	1.012477	2.998357
38	.469900	.441658	1.004144	1.000000	1.014866	3.003857
39	.482600	.442618	1.004549	1.000000	1.016345	3.007256
40	.495300	.443578	1.004953	1.000000	1.017824	3.010651
41	.508000	.444243	1.005231	1.000000	1.018847	3.013000
42	.520700	.444612	1.005386	1.000000	1.019416	3.014304
43	.533400	.443873	1.005076	1.000000	1.018279	3.011695

ID NO. 21310-029

STATION X= 5.88 CM PTO= 23.440 N/SQ CM TTO=298.67K
R= 2.591 CM PWALL= 1.2700 N/SQ CM CF= .00152 PI =1.699
UE= 560.0 M/SEC RHOE=.00965 KG/CUB M RE= 17.745E6 /M
DELTA= .301 CM DELTA*= .1045 CM THETA= .0239 CM

I	Y(CM)	PT/PTC	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.054181	.000000	1.000000	.476939	.000000
2	.012700	.071644	.382988	1.000000	.516572	.644584
3	.025400	.100448	.555999	1.000000	.568934	.982052
4	.038100	.124081	.634699	1.000000	.604265	1.155343
5	.050800	.141066	.679575	1.000000	.628843	1.261939
6	.063500	.153623	.708543	1.000000	.646779	1.334362
7	.076200	.166179	.734460	1.000000	.664405	1.401891
8	.088900	.176518	.754358	1.000000	.679063	1.455668
9	.101600	.186489	.771996	1.000000	.692956	1.504865
10	.114300	.197198	.789705	1.000000	.707833	1.555823
11	.127000	.210122	.809579	1.000000	.725739	1.615024
12	.139700	.224893	.830773	1.000000	.746393	1.680723
13	.152400	.242988	.854245	1.000000	.771366	1.756880
14	.165100	.262190	.876881	1.000000	.797813	1.834090
15	.177800	.278438	.894459	1.000000	.820158	1.896876
16	.190500	.293209	.909341	1.000000	.840450	1.952145
17	.203200	.307242	.922609	1.000000	.859712	2.003198
18	.215900	.322751	.936387	1.000000	.880986	2.058113
19	.228600	.338999	.950093	1.000000	.903560	2.114825
20	.241300	.355986	.963346	1.000000	.926849	2.171783
21	.254000	.368541	.972608	1.000000	.944056	2.212923
22	.266700	.381835	.981961	1.000000	.962269	2.255651
23	.279400	.394391	.990395	1.000000	.979465	2.295263
24	.292100	.403253	.996130	1.000000	.991600	2.322812
25	.304800	.412116	1.001694	1.000000	1.003733	2.350033
26	.317500	.418763	1.005760	1.000000	1.012832	2.370241
27	.330200	.425410	1.009736	1.000000	1.021930	2.390276
28	.342900	.430580	1.012769	1.000000	1.029005	2.405741
29	.355600	.433903	1.014693	1.000000	1.033553	2.415631
30	.368300	.437226	1.016595	1.000000	1.038101	2.425479
31	.381000	.438704	1.017434	1.000000	1.040122	2.429843
32	.393700	.440033	1.018166	1.000000	1.041941	2.433764
33	.406400	.440919	1.018686	1.000000	1.043154	2.436374
34	.419100	.441436	1.018976	1.000000	1.043861	2.437696
35	.431800	.441879	1.019225	1.000000	1.044467	2.439199
36	.444500	.442027	1.019308	1.000000	1.044669	2.439633
37	.457200	.442396	1.019515	1.000000	1.045175	2.440719
38	.469900	.442618	1.019639	1.000000	1.045478	2.441370
39	.482600	.442766	1.019722	1.000000	1.045680	2.441804
40	.495300	.442913	1.019804	1.000000	1.045882	2.442238
41	.508000	.443135	1.019928	1.000000	1.046185	2.442888
42	.520700	.443726	1.020258	1.000000	1.046994	2.444622
43	.533400	.444243	1.020546	1.000000	1.047701	2.446138

ID NO. 21310-030

STATION X= 6.13 CM PTO= 23.440 N/SQ CM TTO=298.67K
R= 2.591 CM PWALL= 1.3729 N/SQ CM CF= .00160 PT[illegible]=1.600
UE= 552.3 M/SEC RHOE=.01013 KG/CUB M RE= 17.865E6 /M
DELTA= .292 CM DELTA*= .0944 CM THETA= .0222 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.058570	.000000	1.000000	.491285	.000000
2	.012700	.081984	.424368	1.000000	.540833	.710117
3	.025400	.099488	.525485	1.000000	.571577	.903968
4	.038100	.120462	.603293	1.000000	.602917	1.065890
5	.050800	.141437	.662611	1.000000	.632572	1.199137
6	.063500	.161378	.708759	1.000000	.659928	1.311093
7	.076200	.179473	.744433	1.000000	.684165	1.401074
8	.088900	.196828	.775040	1.000000	.707474	1.483320
9	.101600	.214184	.802274	1.000000	.730461	1.560187
10	.114300	.231910	.827442	1.000000	.753849	1.634689
11	.127000	.250373	.851509	1.000000	.778400	1.709407
12	.139700	.267360	.871583	1.000000	.800724	1.774619
13	.152400	.285085	.890897	1.000000	.823980	1.840097
14	.165100	.298379	.904414	1.000000	.841401	1.887660
15	.177800	.313150	.918560	1.000000	.860740	1.939094
16	.190500	.325705	.929927	1.000000	.877167	1.981732
17	.203200	.340476	.942593	1.000000	.896470	2.030718
18	.215900	.353032	.952807	1.000000	.912886	2.071422
19	.228600	.368541	.964963	1.000000	.933454	2.121350
20	.241300	.381097	.974176	1.000000	.949858	2.160340
21	.254000	.394391	.983499	1.000000	.967220	2.200857
22	.266700	.403253	.989482	1.000000	.978792	2.227451
23	.279400	.412116	.995289	1.000000	.990361	2.253726
24	.292100	.419501	1.000000	1.000000	1.000000	2.275387
25	.304800	.425410	1.003688	1.000000	1.007710	2.292565
26	.317500	.428733	1.005731	1.000000	1.012047	2.302171
27	.330200	.431316	1.007306	1.000000	1.015420	2.309614
28	.342900	.433903	1.008868	1.000000	1.018792	2.317033
29	.355600	.435011	1.009533	1.000000	1.020238	2.320205
30	.368300	.436488	1.010416	1.000000	1.022165	2.324428
31	.381000	.437448	1.010988	1.000000	1.023418	2.327169
32	.393700	.437965	1.011296	1.000000	1.024092	2.328643
33	.406400	.438925	1.011865	1.000000	1.025345	2.331379
34	.419100	.439811	1.012389	1.000000	1.026501	2.333901
35	.431800	.440771	1.012955	1.000000	1.027753	2.336630
36	.444500	.441805	1.013563	1.000000	1.029102	2.339566
37	.457200	.442987	1.014255	1.000000	1.030644	2.342916
38	.469900	.443135	1.014342	1.000000	1.030836	2.343335
39	.482600	.443726	1.014687	1.000000	1.031607	2.345008
40	.495300	.443873	1.014773	1.000000	1.031800	2.345426
41	.508000	.444464	1.015117	1.000000	1.032570	2.347098
42	.520700	.445646	1.015803	1.000000	1.034112	2.350437
43	.533400	.446089	1.016160	1.000000	1.034690	2.351688

ID NO. 21310-031

STATION X= 6.38 CM PTO= 23.440 N/SQ CM TTO=298.67K
R= 2.591 CM PWALL= 1.4243 N/SQ CM CF= .00153 PT ..=1.840
UE= 550.0 M/SEC RHOE=.01042 KG/CUB M RE= 18.152E6 /M
DELTA= .242 CM DELTA*= .0865 CM THETA= .0205 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.060765	.000000	1.000000	.495543	.000000
2	.012700	.093801	.480896	1.000000	.560989	.812614
3	.025400	.109606	.554490	1.000000	.586511	.958050
4	.038100	.125928	.608625	1.000000	.609422	1.071926
5	.050800	.144465	.659898	1.000000	.635046	1.186413
6	.063500	.163963	.704281	1.000000	.660915	1.291741
7	.076200	.184642	.744772	1.000000	.688077	1.393792
8	.088900	.205322	.780087	1.000000	.715049	1.488218
9	.101600	.224524	.808971	1.000000	.739765	1.569770
10	.114300	.243726	.834989	1.000000	.764386	1.647000
11	.127000	.263298	.859281	1.000000	.789676	1.722725
12	.139700	.281762	.880020	1.000000	.813258	1.790453
13	.152400	.302072	.900951	1.000000	.839155	1.861994
14	.165100	.320536	.918486	1.000000	.862667	1.924643
15	.177800	.341954	.937271	1.000000	.889910	1.994778
16	.190500	.358940	.951116	1.000000	.911499	2.048649
17	.203200	.377404	.965402	1.000000	.935259	2.106348
18	.215900	.394391	.977593	1.000000	.956838	2.157413
19	.228600	.410639	.988614	1.000000	.977469	2.205130
20	.241300	.427625	.999523	1.000000	.999029	2.253917
21	.254000	.434272	1.003632	1.000000	1.007464	2.272718
22	.266700	.437226	1.005431	1.000000	1.011212	2.281023
23	.279400	.436119	1.004759	1.000000	1.009807	2.277912
24	.292100	.433534	1.003180	1.000000	1.006527	2.270636
25	.304800	.432426	1.002499	1.000000	1.005121	2.267511
26	.317500	.432057	1.002272	1.000000	1.004653	2.266468
27	.330200	.432795	1.002726	1.000000	1.005590	2.268553
28	.342900	.433534	1.003180	1.000000	1.006527	2.270636
29	.355600	.434272	1.003632	1.000000	1.007464	2.272718
30	.368300	.435232	1.004219	1.000000	1.008682	2.275420
31	.381000	.436340	1.004893	1.000000	1.010088	2.278535
32	.393700	.437226	1.005431	1.000000	1.011212	2.281023
33	.406400	.438187	1.006012	1.000000	1.012430	2.283716
34	.419100	.438482	1.006191	1.000000	1.012805	2.284543
35	.431800	.438999	1.006503	1.000000	1.013461	2.285991
36	.444500	.439442	1.006770	1.000000	1.014023	2.287232
37	.457200	.440033	1.007125	1.000000	1.014773	2.288885
38	.469900	.440328	1.007302	1.000000	1.015148	2.289711
39	.482600	.441141	1.007789	1.000000	1.016178	2.291980
40	.495300	.441658	1.008099	1.000000	1.016834	2.293424
41	.508000	.442618	1.008672	1.000000	1.018052	2.296102
42	.520700	.444907	1.010032	1.000000	1.020957	2.302474
43	.533400	.446237	1.010817	1.000000	1.022643	2.306167

STATION X= 6.64 CM PTO= 23.440 N/SQ CM TTO=298.67K
R= 2.591 CM PWALL= 1.5272 N/SQ CM CF= .00144 PT =1.918
UE= 554.6 M/SEC RHOE=.01136 KG/CUB M RE= 20.292E6 /M
DELTA= .261 CM DELTA*= .0936 CM THETA= .0217 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.065154	.000000	1.000000	.487049	.000000
2	.012700	.100891	.478504	1.000000	.551865	.815715
3	.025400	.116321	.552764	1.000000	.577573	.964004
4	.038100	.133830	.600398	1.000000	.597539	1.065023
5	.050800	.150669	.644349	1.000000	.618845	1.163183
6	.063500	.169133	.685215	1.000000	.641564	1.259456
7	.076200	.189812	.724573	1.000000	.666554	1.357487
8	.088900	.209384	.757286	1.000000	.690036	1.443552
9	.101600	.230802	.788804	1.000000	.715370	1.530984
10	.114300	.250373	.814637	1.000000	.738414	1.606388
11	.127000	.271053	.839618	1.000000	.762932	1.682909
12	.139700	.290255	.860593	1.000000	.785439	1.756209
13	.152400	.310934	.881330	1.000000	.809632	1.819779
14	.165100	.332352	.901053	1.000000	.834650	1.889029
15	.177800	.354509	.919820	1.000000	.860499	1.958007
16	.190500	.375927	.936577	1.000000	.885460	2.022386
17	.203200	.400299	.954190	1.000000	.913841	2.093178
18	.215900	.418763	.966794	1.000000	.935644	2.145979
19	.228600	.438704	.979416	1.000000	.958855	2.200797
20	.241300	.455690	.989573	1.000000	.978619	2.246421
21	.254000	.468246	.996756	1.000000	.993223	2.279546
22	.266700	.478585	1.002475	1.000000	1.005248	2.306462
23	.279400	.484494	1.005668	1.000000	1.012118	2.321701
24	.292100	.484494	1.005668	1.000000	1.012118	2.321701
25	.304800	.483755	1.005272	1.000000	1.011259	2.319802
26	.317500	.482278	1.004477	1.000000	1.009541	2.315998
27	.330200	.480062	1.003278	1.000000	1.006965	2.310282
28	.342900	.477847	1.002072	1.000000	1.004389	2.304550
29	.355600	.473046	.999432	1.000000	.998906	2.292083
30	.368300	.465291	.995089	1.000000	.989787	2.271796
31	.381000	.456429	.990003	1.000000	.979478	2.248383
32	.393700	.449782	.986100	1.000000	.971746	2.230659
33	.406400	.446089	.983897	1.000000	.967449	2.220751
34	.419100	.443504	.982340	1.000000	.964441	2.213788
35	.431800	.443135	.982117	1.000000	.964012	2.212791
36	.444500	.443135	.982117	1.000000	.964012	2.212791
37	.457200	.443430	.982295	1.000000	.964355	2.213589
38	.469900	.443873	.982563	1.000000	.964871	2.214784
39	.482600	.443873	.982563	1.000000	.964871	2.214784
40	.495300	.444169	.982742	1.000000	.965215	2.215580
41	.508000	.444390	.982875	1.000000	.965473	2.216178
42	.520700	.444612	.983009	1.000000	.965730	2.216775
43	.533400	.445203	.983364	1.000000	.966418	2.218366

STATION X= 6.89 CM PTO= 23.440 N/SQ CM TTO=298.67K
R= 2.591 CM PWALL= 1.6129 N/SQ CM CF= .00141 PI[illegible]=1.983
UE= 551.0 M/SEC RHOE=.01184 KG/CUB M RE= 20.739E6 /M
DELTA= .264 CM DELTA*= .0948 CM THETA= .0223 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.068812	.000000	1.000000	.493726	.000000
2	.012700	.104510	.471493	1.000000	.556340	.796308
3	.025400	.123343	.550775	1.000000	.583310	.952488
4	.038100	.139591	.599515	1.000000	.603550	1.054611
5	.050800	.154362	.637436	1.000000	.621595	1.137955
6	.063500	.171349	.674939	1.000000	.641727	1.224263
7	.076200	.190551	.712173	1.000000	.664303	1.314328
8	.088900	.212707	.749128	1.000000	.689674	1.408682
9	.101600	.233387	.779906	1.000000	.713417	1.491589
10	.114300	.253328	.806346	1.000000	.735999	1.566374
11	.127000	.276223	.833738	1.000000	.761829	1.647758
12	.139700	.298379	.857956	1.000000	.787018	1.723426
13	.152400	.317581	.877016	1.000000	.808597	1.785701
14	.165100	.339738	.897290	1.000000	.833456	1.854852
15	.177800	.359679	.914155	1.000000	.855800	1.914878
16	.190500	.383312	.932656	1.000000	.882253	1.983596
17	.203200	.408423	.950758	1.000000	.910332	2.054023
18	.215900	.427625	.963824	1.000000	.932098	2.106996
19	.228600	.448305	.976868	1.000000	.955210	2.161825
20	.241300	.464922	.986780	1.000000	.973773	2.204878
21	.254000	.479324	.994991	1.000000	.989857	2.241509
22	.266700	.490402	1.001082	1.000000	1.002226	2.269278
23	.279400	.497788	1.005040	1.000000	1.010470	2.287600
24	.292100	.503696	1.008148	1.000000	1.017065	2.302152
25	.304800	.506650	1.009684	1.000000	1.020362	2.309392
26	.317500	.509604	1.011207	1.000000	1.023659	2.316610
27	.330200	.511081	1.011964	1.000000	1.025308	2.320211
28	.342900	.511229	1.012040	1.000000	1.025472	2.320570
29	.355600	.510491	1.011662	1.000000	1.024648	2.318771
30	.368300	.508866	1.010827	1.000000	1.022835	2.314808
31	.381000	.505395	1.009033	1.000000	1.018961	2.306318
32	.393700	.501480	1.006988	1.000000	1.014592	2.296706
33	.406400	.495941	1.004058	1.000000	1.008409	2.283034
34	.419100	.490771	1.001282	1.000000	1.002638	2.270198
35	.431800	.485601	.998466	1.000000	.996866	2.257287
36	.444500	.477847	.994164	1.000000	.988207	2.237780
37	.457200	.468246	.988705	1.000000	.977485	2.213386
38	.469900	.457906	.982654	1.000000	.965936	2.186805
39	.482600	.450520	.978218	1.000000	.957685	2.167616
40	.495300	.446828	.975963	1.000000	.953559	2.157956
41	.508000	.444981	.974827	1.000000	.951496	2.153109
42	.520700	.444834	.974735	1.000000	.951331	2.152721
43	.533400	.444612	.974599	1.000000	.951083	2.152139

STATION X= 7.15 CM PTO= 23.440 N/SQ CM TTO=298.67K
R= 2.591 CM PWALL= 2.0759 N/SQ CM CF= .00117 PT .=2.952
UE= 508.8 M/SEC RHOE=.01324 KG/CU.M RE= 18.343E6 /M
DELTA= .241 CM DELTA*= .0922 CM THETA= .0241 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.088564	.000000	1.000000	.568245	.000000
2	.012700	.108941	.364773	1.000000	.602880	.552047
3	.025400	.124229	.462007	1.000000	.625930	.712438
4	.038100	.138483	.526576	1.000000	.645660	.825332
5	.050800	.154362	.583057	1.000000	.665999	.927434
6	.063500	.176616	.631220	1.000000	.686309	1.019239
7	.076200	.188335	.668599	1.000000	.704150	1.093539
8	.088900	.207907	.708082	1.000000	.725240	1.175331
9	.101600	.230433	.747732	1.000000	.749067	1.261368
10	.114300	.251850	.780945	1.000000	.771356	1.336853
11	.127000	.276223	.814413	1.000000	.796274	1.416484
12	.139700	.300595	.844785	1.000000	.821314	1.492233
13	.152400	.324967	.872018	1.000000	.845997	1.563312
14	.165100	.347862	.895423	1.000000	.869107	1.627048
15	.177800	.370018	.916604	1.000000	.891707	1.687052
16	.190500	.395868	.939139	1.000000	.917709	1.753549
17	.203200	.417286	.956465	1.000000	.939218	1.806708
18	.215900	.437226	.971621	1.000000	.959220	1.854776
19	.228600	.457167	.985925	1.000000	.979204	1.901586
20	.241300	.477847	.999941	1.000000	.999910	1.948904
21	.254000	.489663	1.007604	1.000000	1.011736	1.975419
22	.266700	.500742	1.014574	1.000000	1.022818	1.999948
23	.279400	.508127	1.019111	1.000000	1.030204	2.016131
24	.292100	.512559	1.021792	1.000000	1.034635	2.025777
25	.304800	.515513	1.023562	1.000000	1.037589	2.032181
26	.317500	.517359	1.024662	1.000000	1.039435	2.036174
27	.330200	.518467	1.025319	1.000000	1.040542	2.038565
28	.342900	.519205	1.025757	1.000000	1.041280	2.040158
29	.355600	.519205	1.025757	1.000000	1.041280	2.040158
30	.368300	.519427	1.025888	1.000000	1.041502	2.040635
31	.381000	.518836	1.025538	1.000000	1.040911	2.039362
32	.393700	.518245	1.025188	1.000000	1.040321	2.038087
33	.406400	.518098	1.025100	1.000000	1.040173	2.037768
34	.419100	.518098	1.025100	1.000000	1.040173	2.037768
35	.431800	.522898	1.027931	1.000000	1.044972	2.048103
36	.444500	.549486	1.043205	1.000000	1.071895	2.105142
37	.457200	.571643	1.055050	1.000000	1.094040	2.150925
38	.469900	.580874	1.059806	1.000000	1.103265	2.169711
39	.482600	.578659	1.058674	1.000000	1.101051	2.165218
40	.495300	.573637	1.056086	1.000000	1.096033	2.154997
41	.508000	.567211	1.052730	1.000000	1.089612	2.141849
42	.520700	.558718	1.048216	1.000000	1.081124	2.124341
43	.533400	.547270	1.041986	1.000000	1.069680	2.100508

ID NO. 21310-035

STATION X= 7.40 CM PTO= 23.440 N/SQ CM TTO=298.67K
R= 2.591 CM PWALL= 2.4875 N/SQ CM CF= .00069 PT[illegible]=5.230
UE= 490.5 M/SEC RHOE=.01505 KG/CUB M RE= 19.715E6 /M
DELTA= .239 CM DELTA*= .1038 CM THETA= .0258 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.106122	.000000	1.000000	.598817	.000000
2	.012700	.113742	.221128	1.000000	.610799	.316303
3	.025400	.123860	.328148	1.000000	.625854	.475133
4	.038100	.135160	.407966	1.000000	.641662	.598118
5	.050800	.147715	.474058	1.000000	.658155	.703890
6	.063500	.161747	.531770	1.000000	.675443	.799886
7	.076200	.177774	.584494	1.000000	.693924	.891139
8	.088900	.196459	.634181	1.000000	.714025	.980798
9	.101600	.214554	.672024	1.000000	.731317	1.051833
10	.114300	.239295	.718144	1.000000	.755035	1.142100
11	.127000	.262929	.756237	1.000000	.777113	1.220138
12	.139700	.290994	.796270	1.000000	.803100	1.306035
13	.152400	.320536	.832900	1.000000	.829742	1.388590
14	.165100	.347123	.862827	1.000000	.853829	1.459213
15	.177800	.378142	.894068	1.000000	.881506	1.536357
16	.190500	.409162	.922333	1.000000	.909069	1.609517
17	.203200	.443135	.950700	1.000000	.939470	1.686530
18	.215900	.468246	.969812	1.000000	.961688	1.740661
19	.228600	.493356	.987691	1.000000	.983873	1.793081
20	.241300	.515513	1.002544	1.000000	1.003425	1.838042
21	.254000	.529545	1.011541	1.000000	1.015799	1.865935
22	.266700	.537669	1.016612	1.000000	1.022959	1.881888
23	.279400	.546532	1.022035	1.000000	1.030768	1.899133
24	.292100	.573858	1.038070	1.000000	1.054832	1.951316
25	.304800	.602662	1.053940	1.000000	1.080176	2.004807
26	.317500	.606354	1.055904	1.000000	1.083424	2.011559
27	.330200	.604877	1.055120	1.000000	1.082125	2.008861
28	.342900	.603400	1.054334	1.000000	1.080826	2.006160
29	.355600	.602292	1.053743	1.000000	1.079851	2.004131
30	.368300	.600446	1.052755	1.000000	1.078227	2.000745
31	.381000	.600446	1.052755	1.000000	1.078227	2.000745
32	.393700	.599707	1.052358	1.000000	1.077577	1.999389
33	.406400	.598969	1.051961	1.000000	1.076928	1.998032
34	.419100	.598821	1.051882	1.000000	1.076798	1.997760
35	.431800	.598747	1.051842	1.000000	1.076733	1.997624
36	.444500	.598452	1.051683	1.000000	1.076473	1.997081
37	.457200	.598156	1.051524	1.000000	1.076213	1.996538
38	.469900	.596753	1.050766	1.000000	1.074979	1.993955
39	.482600	.595867	1.050286	1.000000	1.074199	1.992322
40	.495300	.594967	1.049766	1.000000	1.073354	1.990551
41	.508000	.594538	1.049565	1.000000	1.073030	1.989870
42	.520700	.593799	1.049164	1.000000	1.072380	1.988506
43	.533400	.592691	1.048560	1.000000	1.071405	1.986459

ID NO. 21310-036

STATION X= 7.65 CM PTO= 23.440 N/SQ CM TTO=298.67K
R= 2.591 CM PWALL= 2.7275 N/SQ CM CF= .00028 PI =9.872
UE= 524.2 M/SEC RHOE=.01825 KG/CUB M RE= 27.928E6 /M
DELTA= .285 CM DELTA*= .1433 CM THETA= .0277 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.116364	.000000	1.000000	.541746	.000000
2	.012700	.118542	.107396	1.000000	.544625	.162995
3	.025400	.123638	.193602	1.000000	.551214	.295603
4	.038100	.129620	.257374	1.000000	.558706	.395636
5	.050800	.137597	.319433	1.000000	.568320	.495241
6	.063500	.148010	.380720	1.000000	.580291	.596443
7	.076200	.158793	.430663	1.000000	.592068	.681497
8	.088900	.173564	.485360	1.000000	.607306	.777871
9	.101600	.189443	.532596	1.000000	.622688	.864317
10	.114300	.206799	.574993	1.000000	.638480	.944880
11	.127000	.228217	.620171	1.000000	.657658	1.034312
12	.139700	.253328	.658436	1.000000	.676059	1.113388
13	.152400	.279915	.696712	1.000000	.696726	1.195982
14	.165100	.313150	.737974	1.000000	.721912	1.289505
15	.177800	.353770	.781596	1.000000	.752367	1.394240
16	.190500	.398083	.822697	1.000000	.785321	1.499353
17	.203200	.446089	.861086	1.000000	.820555	1.604133
18	.215900	.490402	.892539	1.000000	.853220	1.695501
19	.228600	.534715	.920438	1.000000	.885547	1.781313
20	.241300	.584936	.948752	1.000000	.922103	1.873625
21	.254000	.630727	.972001	1.000000	.955379	1.953865
22	.266700	.663223	.987220	1.000000	.978969	2.008808
23	.279400	.685379	.997051	1.000000	.995043	2.045402
24	.292100	.697196	1.002126	1.000000	1.003613	2.064646
25	.304800	.700519	1.003533	1.000000	1.006023	2.070026
26	.317500	.700150	1.003377	1.000000	1.005755	2.069429
27	.330200	.694980	1.001183	1.000000	1.002006	2.061052
28	.342900	.685379	.997051	1.000000	.995043	2.045402
29	.355600	.675040	.992516	1.000000	.987543	2.028409
30	.368300	.661746	.986549	1.000000	.977897	2.006344
31	.381000	.647344	.979907	1.000000	.967444	1.982156
32	.393700	.636635	.974642	1.000000	.959669	1.963972
33	.406400	.626295	.969647	1.000000	.952160	1.946249
34	.419100	.618171	.965847	1.000000	.946259	1.932206
35	.431800	.613740	.963636	1.000000	.943040	1.924501
36	.444500	.610047	.961778	1.000000	.940357	1.918057
37	.457200	.607462	.960469	1.000000	.938478	1.913532
38	.469900	.606354	.959906	1.000000	.937673	1.911590
39	.482600	.604877	.959153	1.000000	.936600	1.908996
40	.495300	.604139	.958776	1.000000	.936063	1.907699
41	.508000	.603400	.958398	1.000000	.935526	1.906400
42	.520700	.601923	.957640	1.000000	.934453	1.903799
43	.533400	.600446	.956880	1.000000	.933379	1.901195

STATION X= 7.91 CM PTO= 23.440 N/SQ CM TTO=298.67K
R= 2.591 CM PWALL= 2.8476 N/SQ CM CF= .00041 PT =7.754
UE= 506.9 M/SEC RHOE=.01806 KG/CUB M RE= 25.471E6 /M
DELTA= .279 CM DELTA*= .1323 CM THETA= .0289 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.121485	.000000	1.000000	.571516	.000000
2	.012700	.129251	.202380	1.000000	.581726	.298858
3	.025400	.134421	.257889	1.000000	.588281	.382969
4	.038100	.140329	.306923	1.000000	.595555	.456595
5	.050800	.146976	.351597	1.000000	.603483	.528829
6	.063500	.156578	.404007	1.000000	.614493	.613175
7	.076200	.168394	.455936	1.000000	.627400	.699220
8	.088900	.184273	.511774	1.000000	.643763	.795022
9	.101600	.201407	.560252	1.000000	.660326	.881456
10	.114300	.223047	.609860	1.000000	.679863	.973596
11	.127000	.247419	.653068	1.000000	.699314	1.057383
12	.139700	.274745	.696025	1.000000	.721229	1.144456
13	.152400	.303549	.735316	1.000000	.743849	1.227875
14	.165100	.339736	.777762	1.000000	.771481	1.322657
15	.177800	.376665	.815387	1.000000	.799190	1.411324
16	.190500	.413593	.849085	1.000000	.826982	1.494985
17	.203200	.453475	.881294	1.000000	.856582	1.579221
18	.215900	.486769	.905601	1.000000	.881160	1.645894
19	.228600	.527330	.932942	1.000000	.911428	1.724462
20	.241300	.562780	.954542	1.000000	.937547	1.789490
21	.254000	.598230	.974501	1.000000	.963626	1.852142
22	.266700	.621864	.986994	1.000000	.980993	1.892715
23	.279400	.647713	.999983	1.000000	.999974	1.936086
24	.292100	.666177	1.008860	1.000000	1.013524	1.966462
25	.304800	.679471	1.015057	1.000000	1.023277	1.988038
26	.317500	.692765	1.021198	1.000000	1.033026	2.009375
27	.330200	.703104	1.025694	1.000000	1.040607	2.025811
28	.342900	.711967	1.029563	1.000000	1.047103	2.039791
29	.355600	.721568	1.033685	1.000000	1.054140	2.054826
30	.368300	.726738	1.035874	1.000000	1.057929	2.062875
31	.381000	.731169	1.037735	1.000000	1.061176	2.069749
32	.393700	.732646	1.038351	1.000000	1.062258	2.072035
33	.406400	.732646	1.038351	1.000000	1.062258	2.072035
34	.419100	.730061	1.037271	1.000000	1.060364	2.068033
35	.431800	.726738	1.035874	1.000000	1.057929	2.062875
36	.444500	.719352	1.032740	1.000000	1.052516	2.051366
37	.457200	.709751	1.028602	1.000000	1.045479	2.036305
38	.469900	.694242	1.021760	1.000000	1.034109	2.011731
39	.482600	.672085	1.011634	1.000000	1.017859	1.976081
40	.495300	.655837	1.003928	1.000000	1.005937	1.949512
41	.508000	.639589	.995973	1.000000	.994010	1.922564
42	.520700	.621864	.986994	1.000000	.980993	1.892715
43	.533400	.615217	.983542	1.000000	.976110	1.881395

STATION X= 8.16 CM PTO= 23.440 N/SQ CM TTO=298.67K
R= 2.591 CM PWALL= 3.0019 N/SQ CM CF= .00049 PI =6.707
UE= 500.7 M/SEC RHOE=.01869 KG/CUB M RE= 25.630E6 /M
DELTA= .275 CM DELTA*= .1246 CM THETA= .0287 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.128069	.000000	1.000000	.581958	.000000
2	.012700	.140329	.248347	1.000000	.597360	.363769
3	.025400	.146459	.299952	1.000000	.604702	.442050
4	.038100	.152368	.340350	1.000000	.611574	.504429
5	.050800	.160640	.387249	1.000000	.620882	.578287
6	.063500	.171201	.436330	1.000000	.632281	.657534
7	.076200	.184642	.487259	1.000000	.646083	.742254
8	.088900	.200743	.536917	1.000000	.661702	.827726
9	.101600	.213815	.570842	1.000000	.673737	.887995
10	.114300	.237079	.621244	1.000000	.693915	.980763
11	.127000	.266621	.670652	1.000000	.716719	1.076021
12	.139700	.293269	.709846	1.000000	.737257	1.155107
13	.152400	.327921	.753799	1.000000	.763261	1.248075
14	.165100	.364849	.794323	1.000000	.790450	1.338391
15	.177800	.407684	.835417	1.000000	.821697	1.435185
16	.190500	.446089	.867782	1.000000	.849331	1.515646
17	.203200	.486709	.898514	1.000000	.878424	1.595974
18	.215900	.529545	.927699	1.000000	.908994	1.676241
19	.228600	.570165	.953074	1.000000	.938232	1.749567
20	.241300	.601185	.970795	1.000000	.960296	1.802929
21	.254000	.630727	.986635	1.000000	.981284	1.852263
22	.266700	.649929	.996437	1.000000	.994916	1.883612
23	.279400	.660269	1.001563	1.000000	1.002252	1.900271
24	.292100	.668393	1.005519	1.000000	1.008015	1.913255
25	.304800	.670608	1.006588	1.000000	1.009587	1.916780
26	.317500	.670608	1.006588	1.000000	1.009587	1.916780
27	.330200	.670608	1.006588	1.000000	1.009587	1.916780
28	.342900	.670239	1.006410	1.000000	1.009325	1.916193
29	.355600	.670239	1.006410	1.000000	1.009325	1.916193
30	.368300	.670608	1.006588	1.000000	1.009587	1.916780
31	.381000	.673562	1.008005	1.000000	1.011682	1.921470
32	.393700	.678732	1.010467	1.000000	1.015348	1.929649
33	.406400	.682425	1.012210	1.000000	1.017966	1.935469
34	.419100	.689072	1.015318	1.000000	1.022679	1.945901
35	.431800	.696457	1.018727	1.000000	1.027914	1.957424
36	.444500	.702366	1.021420	1.000000	1.032102	1.966593
37	.457200	.709013	1.024415	1.000000	1.036812	1.976855
38	.469900	.717137	1.028027	1.000000	1.042568	1.989324
39	.482600	.721568	1.029975	1.000000	1.045708	1.996092
40	.495300	.726738	1.032228	1.000000	1.049370	2.003958
41	.508000	.733754	1.035252	1.000000	1.054339	2.014583
42	.520700	.740032	1.037926	1.000000	1.058785	2.024040
43	.533400	.740770	1.038239	1.000000	1.059308	2.025150

ID NO. 21310-039

STATION X= 8.42 CM PTO= 23.440 N/SQ CM TTO=298.67K
R= 2.591 CM PWALL= 3.1048 N/SQ CM CF= .00053 PT =6.213
UE= 562.2 M/SEC RHOE=.01942 KG/CUB M RE= 26.815E6 /M
DELTA= .282 CM DELTA*= .1252 CM THETA= .0293 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.132458	.000000	1.000000	.579371	.000000
2	.012700	.148453	.276027	1.000000	.598554	.406873
3	.025400	.155100	.323744	1.000000	.606091	.480204
4	.038100	.161009	.359164	1.000000	.612600	.535507
5	.050800	.169502	.402167	1.000000	.621664	.604145
6	.063500	.179325	.443976	1.000000	.631751	.672340
7	.076200	.191289	.486806	1.000000	.643517	.744033
8	.088900	.207537	.535133	1.000000	.658683	.827322
9	.101600	.224524	.576835	1.000000	.673656	.902043
10	.114300	.246681	.622081	1.000000	.692015	.985964
11	.127000	.273268	.664921	1.000000	.711731	1.068770
12	.139700	.304287	.708979	1.000000	.734711	1.157838
13	.152400	.340476	.752949	1.000000	.760797	1.251284
14	.165100	.376665	.791200	1.000000	.786454	1.336838
15	.177800	.413593	.825527	1.000000	.812191	1.417478
16	.190500	.455690	.860700	1.000000	.841625	1.504413
17	.203200	.500742	.893909	1.000000	.872695	1.591038
18	.215900	.545793	.923653	1.000000	.903648	1.672880
19	.228600	.584198	.946984	1.000000	.930285	1.740232
20	.241300	.619648	.966661	1.000000	.954562	1.799420
21	.254000	.646236	.980515	1.000000	.972747	1.842511
22	.266700	.671347	.992953	1.000000	.989907	1.882270
23	.279400	.683902	.998952	1.000000	.998482	1.901827
24	.292100	.694242	1.003788	1.000000	1.005542	1.917778
25	.304800	.700889	1.006849	1.000000	1.010079	1.927960
26	.317500	.702366	1.007524	1.000000	1.011087	1.930215
27	.330200	.703104	1.007861	1.000000	1.011591	1.931342
28	.342900	.701258	1.007018	1.000000	1.010331	1.928524
29	.355600	.700150	1.006510	1.000000	1.009575	1.926831
30	.368300	.700150	1.006510	1.000000	1.009575	1.926831
31	.381000	.697196	1.005153	1.000000	1.007558	1.922310
32	.393700	.693503	1.003446	1.000000	1.005037	1.916643
33	.406400	.689811	1.001727	1.000000	1.002516	1.910958
34	.419100	.686118	.999996	1.000000	.999995	1.905256
35	.431800	.682425	.998254	1.000000	.997473	1.899537
36	.444500	.679471	.996851	1.000000	.995456	1.894948
37	.457200	.677994	.996147	1.000000	.994447	1.892650
38	.469900	.677624	.995970	1.000000	.994195	1.892074
39	.482600	.677624	.995970	1.000000	.994195	1.892074
40	.495300	.679471	.996851	1.000000	.995456	1.894948
41	.508000	.681686	.997904	1.000000	.996969	1.898391
42	.520700	.689811	1.001727	1.000000	1.002516	1.910958
43	.533400	.702366	1.007524	1.000000	1.011087	1.930215

STATION X= 8.67 CM PTO= 23.440 N/SQ CM TTO=298.67K
R= 2.591 CM PWALL= 3.1734 N/SQ CM CF= .00067 PI =5.048
UE= 503.2 M/SEC RHOE=.01991 KG/CUB M RE= 27.607E6 /M
DELTA= .290 CM DELTA*= .1220 CM THETA= .0299 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.135384	.000000	1.000000	.577735	.000000
2	.012700	.159901	.331631	1.000000	.605872	.493468
3	.025400	.167139	.371971	1.000000	.613584	.557004
4	.038100	.175632	.411969	1.000000	.622336	.621283
5	.050800	.183165	.442652	1.000000	.629848	.671573
6	.063500	.194244	.481750	1.000000	.640505	.737048
7	.076200	.204953	.514379	1.000000	.650402	.793026
8	.088900	.223047	.561193	1.000000	.666315	.875564
9	.101600	.238926	.595632	1.000000	.679537	.938637
10	.114300	.264406	.644181	1.000000	.700478	1.030666
11	.127000	.288039	.676255	1.000000	.716003	1.093909
12	.139700	.317581	.715707	1.000000	.737189	1.174728
13	.152400	.353770	.757712	1.000000	.762620	1.264943
14	.165100	.389959	.794410	1.000000	.787627	1.347777
15	.177800	.427625	.828095	1.000000	.813213	1.427563
16	.190500	.470461	.862597	1.000000	.842420	1.513509
17	.203200	.515513	.894686	1.000000	.872721	1.597795
18	.215900	.556872	.921263	1.000000	.900442	1.671184
19	.228600	.597492	.945367	1.000000	.927918	1.740876
20	.241300	.630727	.963420	1.000000	.950123	1.795223
21	.254000	.665438	.981043	1.000000	.973285	1.850211
22	.266700	.681686	.988898	1.000000	.984118	1.875375
23	.279400	.697196	.996177	1.000000	.994454	1.899074
24	.292100	.706797	1.000581	1.000000	1.000850	1.913592
25	.304800	.713444	1.003584	1.000000	1.005277	1.923577
26	.317500	.715660	1.004578	1.000000	1.006752	1.926894
27	.330200	.717506	1.005403	1.000000	1.007982	1.929653
28	.342900	.717875	1.005567	1.000000	1.008228	1.930204
29	.355600	.718614	1.005896	1.000000	1.008720	1.931307
30	.368300	.719722	1.006389	1.000000	1.009457	1.932959
31	.381000	.718245	1.005732	1.000000	1.008474	1.930756
32	.393700	.717506	1.005403	1.000000	1.007982	1.929653
33	.406400	.716398	1.004908	1.000000	1.007244	1.927998
34	.419100	.716398	1.004908	1.000000	1.007244	1.927998
35	.431800	.716398	1.004908	1.000000	1.007244	1.927998
36	.444500	.716398	1.004908	1.000000	1.007244	1.927998
37	.457200	.715660	1.004578	1.000000	1.006752	1.926894
38	.469900	.714183	1.003916	1.000000	1.005769	1.924683
39	.482600	.713444	1.003584	1.000000	1.005277	1.923577
40	.495300	.707536	1.000916	1.000000	1.001342	1.914704
41	.508000	.700889	.997880	1.000000	.996914	1.904671
42	.520700	.680948	.988546	1.000000	.983626	1.874239
43	.533400	.658422	.977576	1.000000	.968606	1.839234

ID NO. 21310-041

STATION X= 8.92 CM PTO= 23.440 N/SQ CM TTO=298.67K
R= 2.591 CM PWALL= 3.1219 N/SQ CM CF= .00083 PI =4.015
UE= 507.9 M/SEC RHOE=.01986 KG/CUB M RE= 28.152E6 /M
DELTA= .294 CM DELTA*= .1164 CM THETA= .0294 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.133190	.000000	1.000000	.569712	.000000
2	.012700	.168394	.388109	1.000000	.609197	.588667
3	.025400	.178734	.432804	1.000000	.619658	.662070
4	.038100	.186489	.461619	1.000000	.627223	.710446
5	.050800	.196459	.494239	1.000000	.636626	.766330
6	.063500	.207168	.524950	1.000000	.646354	.820144
7	.076200	.220831	.559119	1.000000	.658257	.881534
8	.088900	.237079	.594141	1.000000	.671746	.946300
9	.101600	.257020	.632949	1.000000	.698378	1.020514
10	.114300	.279915	.664913	1.000000	.703552	1.083801
11	.127000	.305026	.699789	1.000000	.721807	1.155352
12	.139700	.336784	.738273	1.000000	.744262	1.237704
13	.152400	.372234	.775895	1.000000	.768883	1.322117
14	.165100	.405469	.807081	1.000000	.791576	1.395404
15	.177800	.451259	.845600	1.000000	.822894	1.490643
16	.190500	.488925	.873656	1.000000	.848326	1.563718
17	.203200	.529545	.901100	1.000000	.875653	1.638611
18	.215900	.573858	.928501	1.000000	.905681	1.717144
19	.228600	.614478	.951190	1.000000	.932897	1.785340
20	.241300	.656576	.972804	1.000000	.961056	1.853259
21	.254000	.673562	.981035	1.000000	.972407	1.879944
22	.266700	.693503	.990366	1.000000	.985725	1.910779
23	.279400	.704581	.995404	1.000000	.993121	1.927689
24	.292100	.714183	.999688	1.000000	.999529	1.942222
25	.304800	.719352	1.001964	1.000000	1.002979	1.950001
26	.317500	.723045	1.003577	1.000000	1.005443	1.955538
27	.330200	.724153	1.004059	1.000000	1.006182	1.957195
28	.342900	.723784	1.003899	1.000000	1.005936	1.956643
29	.355600	.723415	1.003738	1.000000	1.005689	1.956090
30	.368300	.723415	1.003738	1.000000	1.005689	1.956090
31	.381000	.722233	1.003223	1.000000	1.004901	1.954321
32	.393700	.718614	1.001640	1.000000	1.002486	1.948891
33	.406400	.714183	.999688	1.000000	.999529	1.942222
34	.419100	.709899	.997786	1.000000	.996670	1.935752
35	.431800	.705320	.995736	1.000000	.993614	1.928811
36	.444500	.699412	.993066	1.000000	.989670	1.919817
37	.457200	.692765	.990027	1.000000	.985232	1.909646
38	.469900	.686856	.987294	1.000000	.981286	1.900558
39	.482600	.678732	.983488	1.000000	.975860	1.887989
40	.495300	.672085	.980330	1.000000	.971420	1.877640
41	.508000	.664331	.976595	1.000000	.966238	1.865491
42	.520700	.656354	.972695	1.000000	.960908	1.852909
43	.533400	.651037	.970061	1.000000	.957353	1.844471

ID NO. 21310-042

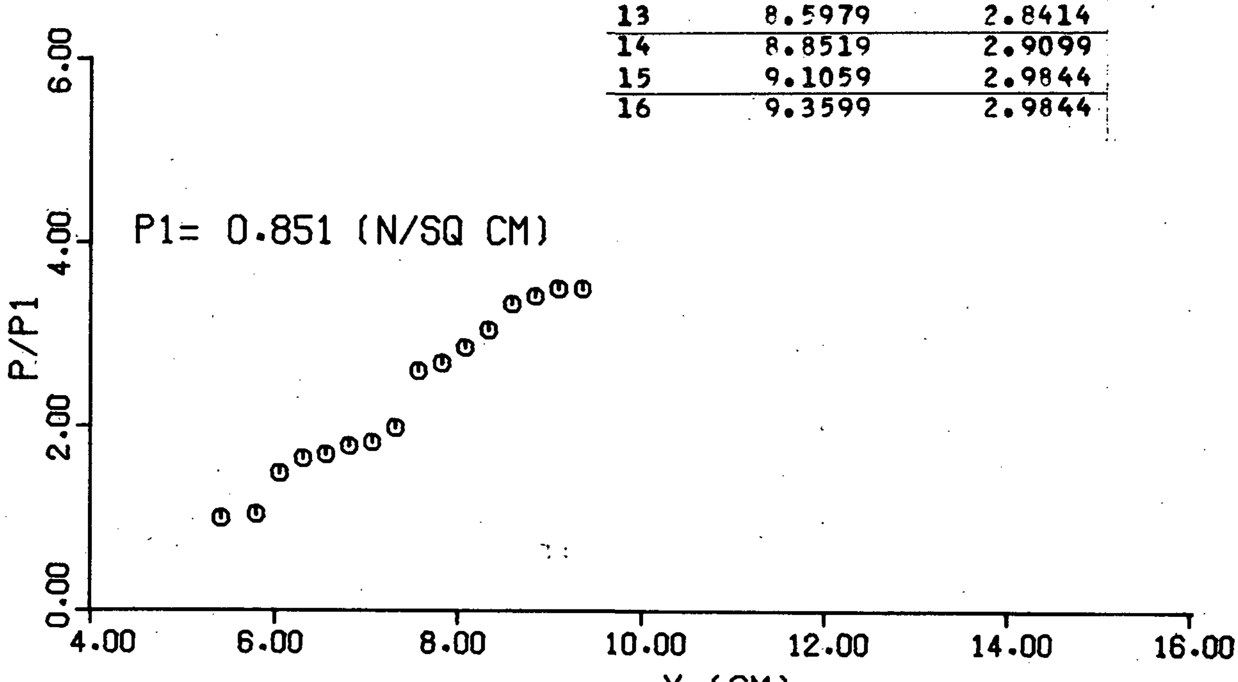
STATION X= 9.18 CM PTO= 23.440 N/SQ CM TTO=298.67K
R= 2.591 CM PWALL= 2.7790 N/SQ CM CF= .00115 PT =2.649
UE= 521.8 M/SEC RHOE=.01845 KG/CUB M RE= 27.912E6 /M
DELTA= .296 CM DELTA*= .1052 CM THETA= .0272 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.118558	.000000	1.000000	.545936	.000000
2	.012700	.179473	.496016	1.000000	.614595	.792981
3	.025400	.191289	.530425	1.000000	.625895	.855750
4	.038100	.200891	.555015	1.000000	.634714	.901709
5	.050800	.211969	.580407	1.000000	.644523	.950222
6	.063500	.223786	.604619	1.000000	.654591	.997561
7	.076200	.237818	.630692	1.000000	.666275	1.049825
8	.088900	.254066	.655201	1.000000	.678118	1.100272
9	.101600	.276223	.687649	1.000000	.695202	1.169218
10	.114300	.298379	.716955	1.000000	.712152	1.233817
11	.127000	.325705	.749143	1.000000	.732630	1.307615
12	.139700	.357463	.782272	1.000000	.756002	1.387050
13	.152400	.392175	.814906	1.000000	.781618	1.469189
14	.165100	.428364	.845107	1.000000	.807950	1.549089
15	.177800	.468246	.874981	1.000000	.836847	1.632278
16	.190500	.507389	.901669	1.000000	.865407	1.710528
17	.203200	.545793	.925258	1.000000	.893111	1.783153
18	.215900	.586414	.948048	1.000000	.922361	1.856749
19	.228600	.618910	.964886	1.000000	.945729	1.913516
20	.241300	.650667	.980282	1.000000	.968546	1.967360
21	.254000	.667654	.988125	1.000000	.980742	1.995547
22	.266700	.680209	.993757	1.000000	.989754	2.016121
23	.279400	.689811	.997973	1.000000	.996644	2.031710
24	.292100	.694242	.999894	1.000000	.999823	2.038863
25	.304800	.694242	.999894	1.000000	.999823	2.038863
26	.317500	.692765	.999255	1.000000	.998763	2.036482
27	.330200	.688703	.997491	1.000000	.995849	2.029917
28	.342900	.685010	.995875	1.000000	.993199	2.023931
29	.355600	.680948	.994084	1.000000	.990284	2.017325
30	.368300	.675483	.991653	1.000000	.986362	2.008401
31	.381000	.670017	.989196	1.000000	.982439	1.999437
32	.393700	.664700	.986780	1.000000	.978621	1.990675
33	.406400	.658422	.983895	1.000000	.974114	1.980279
34	.419100	.652863	.981320	1.000000	.970137	1.971060
35	.431800	.646605	.978367	1.000000	.965628	1.960558
36	.444500	.640697	.975554	1.000000	.961385	1.950620
37	.457200	.634936	.972779	1.000000	.957246	1.940881
38	.469900	.628659	.969718	1.000000	.952736	1.930209
39	.482600	.621864	.966360	1.000000	.947853	1.918590
40	.495300	.614848	.962843	1.000000	.942810	1.906515
41	.508000	.608570	.959653	1.000000	.938297	1.895644
42	.520700	.594907	.952561	1.000000	.928471	1.871758
43	.533400	.580505	.944859	1.000000	.918109	1.846233

ID NO. 22310-001

PTO= 23.5956 N/SQ CM
TTO= 299.2222 K
PBAR= 762.3000 MMHG
TMAN= 299.7778 K

I	X(CM)	P(N/SQ CM)
1	5.4229	.8513
2	5.8039	.8890
3	6.0579	1.2697
4	6.3119	1.4068
5	6.5659	1.4439
6	6.8199	1.5234
7	7.0739	1.5560
8	7.3279	1.6932
9	7.5819	2.2155
10	7.8359	2.2899
11	8.0899	2.4350
12	8.3439	2.5992
13	8.5979	2.8414
14	8.8519	2.9099
15	9.1059	2.9844
16	9.3599	2.9844



ID NO. 22310 -001

STATION X= 5.80 CM PTO= 23.596 N/SQ CM TTO=299.22K
R= 2.591 CM PWALL= .8891 N/SQ CM CF= .00158 PT =1.044
UE= 617.0 M/SEC RHOE=.00878 KG/CUB M RE= 22.944E6 /M
DELTA= .342 CM DELTA*= .1147 CM THETA= .0204 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.037679	.000000	1.000000	.366191	.000000
2	.012700	.085459	.573199	1.000000	.462504	1.146762
3	.025400	.105635	.640253	1.000000	.494728	1.324783
4	.038100	.125444	.691631	1.000000	.525521	1.474958
5	.050800	.138651	.720541	1.000000	.545789	1.565961
6	.063500	.150023	.742866	1.000000	.563170	1.639987
7	.076200	.162862	.765919	1.000000	.582933	1.720291
8	.088900	.177022	.788648	1.000000	.604482	1.803786
9	.101600	.190742	.808591	1.000000	.625323	1.881011
10	.114300	.207616	.830752	1.000000	.650917	1.971715
11	.127000	.220822	.846532	1.000000	.670923	2.039810
12	.139700	.234762	.862061	1.000000	.692253	2.109991
13	.152400	.249436	.876982	1.000000	.714464	2.180674
14	.165100	.264109	.890766	1.000000	.736662	2.249096
15	.177800	.277462	.902434	1.000000	.756853	2.309570
16	.190500	.292722	.914857	1.000000	.779918	2.376773
17	.203200	.309597	.927585	1.000000	.805413	2.448910
18	.215900	.322803	.936883	1.000000	.825359	2.503899
19	.228600	.340411	.948470	1.000000	.851947	2.575373
20	.241300	.357286	.958753	1.000000	.877421	2.642037
21	.254000	.372693	.967725	1.000000	.900965	2.702190
22	.266700	.384432	.974096	1.000000	.918690	2.746607
23	.279400	.398372	.981299	1.000000	.939735	2.798429
24	.292100	.408643	.986371	1.000000	.955240	2.836004
25	.304800	.418914	.991256	1.000000	.970745	2.873084
26	.317500	.426985	.994969	1.000000	.982925	2.901884
27	.330200	.433955	.998092	1.000000	.993445	2.926527
28	.342900	.438724	1.000185	1.000000	1.000642	2.943268
29	.355600	.442025	1.001614	1.000000	1.005624	2.954803
30	.368300	.443859	1.002401	1.000000	1.008392	2.961191
31	.381000	.445694	1.003183	1.000000	1.011160	2.967566
32	.393700	.446501	1.003526	1.000000	1.012378	2.970366
33	.406400	.447161	1.003805	1.000000	1.013375	2.972656
34	.419100	.447528	1.003960	1.000000	1.013928	2.973927
35	.431800	.447895	1.004115	1.000000	1.014482	2.975197
36	.444500	.448628	1.004424	1.000000	1.015589	2.977737
37	.457200	.449289	1.004702	1.000000	1.016585	2.980020
38	.469900	.449729	1.004887	1.000000	1.017250	2.981542
39	.482600	.449875	1.004948	1.000000	1.017471	2.982049
40	.495300	.449875	1.004948	1.000000	1.017471	2.982049
41	.508000	.449215	1.004671	1.000000	1.016475	2.979767
42	.533400	.448848	1.004517	1.000000	1.015921	2.978498
43	.558800	.450683	1.005286	1.000000	1.018689	2.984836

ID NO. 22310-003

STATION X= 6.06 CM PTO= 23.596 N/SQ CM TTO=299.22K
R= 2.591 CM PWALL= 1.2697 N/SQ CM CF= .00171 PI =1.420
UE= 560.2 M/SEC RHOE=.00962 KG/CUB M RE= 17.633E6 /M
DELTA= .267 CM DELTA*= .0885 CM THETA= .0207 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.053812	.000000	1.000000	.477634	.000000
2	.012700	.091695	.520003	1.000000	.556196	.906870
3	.025400	.107836	.587947	1.000000	.582887	1.049677
4	.038100	.126912	.645352	1.000000	.610437	1.179077
5	.050800	.145987	.693915	1.000000	.638146	1.296258
6	.063500	.162862	.730577	1.000000	.662285	1.390316
7	.076200	.179370	.762223	1.000000	.685750	1.476013
8	.088900	.198078	.793783	1.000000	.711971	1.566239
9	.101600	.212018	.815024	1.000000	.731433	1.629981
10	.114300	.228159	.837815	1.000000	.754158	1.701391
11	.127000	.243566	.857575	1.000000	.775589	1.766091
12	.139700	.258973	.875833	1.000000	.796985	1.828402
13	.152400	.276582	.895092	1.000000	.821402	1.897015
14	.165100	.294190	.912846	1.000000	.845791	1.963154
15	.177800	.313265	.930593	1.000000	.872185	2.032308
16	.190500	.327939	.943311	1.000000	.892473	2.083904
17	.203200	.341145	.954308	1.000000	.911029	2.130000
18	.215900	.357286	.966797	1.000000	.933340	2.184139
19	.228600	.370492	.976463	1.000000	.951587	2.227437
20	.241300	.382964	.985174	1.000000	.968815	2.267558
21	.254000	.395437	.993505	1.000000	.986038	2.306970
22	.266700	.405708	1.000100	1.000000	1.000218	2.338922
23	.279400	.416347	1.006690	1.000000	1.014902	2.371554
24	.292100	.424784	1.011753	1.000000	1.026545	2.397114
25	.304800	.429920	1.014767	1.000000	1.033632	2.412539
26	.317500	.435055	1.017730	1.000000	1.040718	2.427864
27	.330200	.439457	1.020231	1.000000	1.046792	2.440922
28	.342900	.441658	1.021469	1.000000	1.049828	2.447425
29	.355600	.443493	1.022493	1.000000	1.052359	2.452831
30	.368300	.443933	1.022738	1.000000	1.052966	2.454126
31	.381000	.444813	1.023227	1.000000	1.054180	2.456715
32	.393700	.445547	1.023634	1.000000	1.055193	2.458871
33	.406400	.445914	1.023837	1.000000	1.055699	2.459948
34	.419100	.446427	1.024120	1.000000	1.056407	2.461455
35	.431800	.446941	1.024404	1.000000	1.057116	2.462961
36	.444500	.447748	1.024848	1.000000	1.058229	2.465325
37	.457200	.448555	1.025291	1.000000	1.059342	2.467688
38	.469900	.449729	1.025933	1.000000	1.060961	2.471120
39	.482600	.450242	1.026213	1.000000	1.061670	2.472620
40	.495300	.450242	1.026213	1.000000	1.061670	2.472620
41	.508000	.451196	1.026732	1.000000	1.062985	2.475404
42	.533400	.453691	1.028083	1.000000	1.066426	2.482669
43	.558800	.454498	1.028518	1.000000	1.067540	2.485014

STATION X= 6.31 CM PTO= 23.596 N/SQ CM TTO=299.22K
R= 2.591 CM PWALL= 1.4069 N/SQ CM CF= .00160 PT =1.638
UE= 556.1 M/SEC RHOE=.01049 KG/CUB M RE= 18.807E6 /M
DELTA= .251 CM DELTA*= .0865 CM THETA= .0203 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.059626	.000000	1.000000	.485291	.000000
2	.012700	.099619	.514785	1.000000	.561930	.888660
3	.025400	.115907	.581570	1.000000	.587581	1.026599
4	.038100	.131461	.625728	1.000000	.607774	1.123367
5	.050800	.150023	.673301	1.000000	.632990	1.233595
6	.063500	.169098	.714337	1.000000	.658150	1.334536
7	.076200	.189274	.751966	1.000000	.684515	1.432699
8	.088900	.206350	.783176	1.000000	.709099	1.518525
9	.101600	.225958	.808659	1.000000	.731686	1.593310
10	.114300	.246501	.836001	1.000000	.757946	1.676066
11	.127000	.264843	.858222	1.000000	.781601	1.747258
12	.139700	.283918	.879157	1.000000	.805900	1.817488
13	.152400	.305928	.901215	1.000000	.833891	1.895168
14	.165100	.327205	.920693	1.000000	.860913	1.967250
15	.177800	.347014	.937412	1.000000	.886046	2.031999
16	.190500	.366090	.952372	1.000000	.910229	2.092410
17	.203200	.384432	.965993	1.000000	.933785	2.149623
18	.215900	.399105	.976144	1.000000	.952381	2.193736
19	.228600	.413045	.985333	1.000000	.970041	2.234823
20	.241300	.428452	.995011	1.000000	.989554	2.279358
21	.254000	.438724	1.001203	1.000000	1.002559	2.308564
22	.266700	.444960	1.004865	1.000000	1.010454	2.326114
23	.279400	.448261	1.006776	1.000000	1.014633	2.335351
24	.292100	.448261	1.006776	1.000000	1.014633	2.335351
25	.304800	.445547	1.005206	1.000000	1.011197	2.327759
26	.317500	.443493	1.004010	1.000000	1.008596	2.321997
27	.330200	.443126	1.003795	1.000000	1.008132	2.320966
28	.342900	.442979	1.003710	1.000000	1.007946	2.320554
29	.355600	.442759	1.003581	1.000000	1.007668	2.319935
30	.368300	.443493	1.004010	1.000000	1.008596	2.321997
31	.381000	.445694	1.005292	1.000000	1.011383	2.328170
32	.393700	.446794	1.005929	1.000000	1.012776	2.331251
33	.406400	.448188	1.006734	1.000000	1.014540	2.335147
34	.419100	.448628	1.006987	1.000000	1.015097	2.336376
35	.431800	.448848	1.007114	1.000000	1.015376	2.336990
36	.444500	.449362	1.007408	1.000000	1.016026	2.338422
37	.457200	.450169	1.007871	1.000000	1.017048	2.340672
38	.469900	.450829	1.008249	1.000000	1.017883	2.342510
39	.482600	.451343	1.008542	1.000000	1.018534	2.343940
40	.495300	.452663	1.009293	1.000000	1.020205	2.347610
41	.508000	.454351	1.010249	1.000000	1.022341	2.352293
42	.533400	.456919	1.011695	1.000000	1.025591	2.359399
43	.558800	.457799	1.012188	1.000000	1.026705	2.361831

ID NO. 22310-005

STATION X= 6.57 CM PTO= 23.596 N/SQ CM TTO=299.22K
R= 2.591 CM PWALL= 1.4440 N/SQ CM CF= .00148 PI =1.713
UE= 567.5 M/SEC RHOE=.01126 KG/CUB M RE= 21.499E6 /M
DELTA= .272 CM DELTA*= .0958 CM THETA= .0213 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.061196	.000000	1.000000	.463872	.000000
2	.012700	.106369	.522041	1.000000	.543245	.924959
3	.025400	.120676	.575319	1.000000	.563947	1.038600
4	.038100	.137183	.619197	1.000000	.583894	1.137408
5	.050800	.152590	.656337	1.000000	.603177	1.225376
6	.063500	.171666	.696329	1.000000	.626815	1.325270
7	.076200	.189274	.728158	1.000000	.648103	1.409184
8	.088900	.210551	.762403	1.000000	.673869	1.504503
9	.101600	.229626	.789484	1.000000	.696672	1.584083
10	.114300	.249436	.814842	1.000000	.720267	1.662419
11	.127000	.269978	.838885	1.000000	.744923	1.740517
12	.139700	.291255	.861278	1.000000	.770167	1.817004
13	.152400	.311798	.881026	1.000000	.794500	1.887801
14	.165100	.334542	.901043	1.000000	.821405	1.963109
15	.177800	.358753	.920505	1.000000	.850014	2.040137
16	.190500	.380763	.936937	1.000000	.876289	2.108406
17	.203200	.400573	.950536	1.000000	.899678	2.167367
18	.215900	.421849	.964173	1.000000	.924785	2.226926
19	.228600	.440191	.975201	1.000000	.946420	2.280638
20	.241300	.457799	.985212	1.000000	.967183	2.329185
21	.254000	.470272	.991987	1.000000	.981885	2.362961
22	.266700	.482744	.998517	1.000000	.996585	2.396254
23	.279400	.488614	1.001509	1.000000	1.003502	2.411760
24	.292100	.490815	1.002618	1.000000	1.006096	2.417549
25	.304800	.486980	1.001694	1.000000	1.003934	2.412726
26	.317500	.465532	.999944	1.000000	.999871	2.403632
27	.330200	.481644	.997950	1.000000	.995289	2.393335
28	.342900	.477608	.995857	1.000000	.990533	2.382602
29	.355600	.473206	.993545	1.000000	.985345	2.370837
30	.368300	.467337	.990415	1.000000	.978426	2.355058
31	.381000	.461468	.987231	1.000000	.971507	2.339171
32	.393700	.456332	.984398	1.000000	.965453	2.325179
33	.406400	.453250	.982677	1.000000	.961820	2.316743
34	.419100	.452297	.982141	1.000000	.960695	2.314125
35	.431800	.451930	.981934	1.000000	.960262	2.313118
36	.444500	.452297	.982141	1.000000	.960695	2.314125
37	.457200	.453030	.982553	1.000000	.961560	2.316139
38	.469900	.453397	.982759	1.000000	.961993	2.317145
39	.482600	.454278	.983252	1.000000	.963031	2.319558
40	.495300	.455818	.984112	1.000000	.964847	2.323775
41	.508000	.456919	.984724	1.000000	.966145	2.326782
42	.533400	.457799	.985212	1.000000	.967183	2.329185
43	.558800	.458166	.985415	1.000000	.967615	2.330186

STATION X= 6.82 CM PTO= 23.596 N/SQ CM TTO=299.22K
R= 2.591 CM PWALL= 1.5235 N/SQ CM CF= .00145 PT =1.747
UE= 566.2 M/SEC RHOE=.01182 KG/CU M RE= 22.399E6 /M
DELTA= .279 CM DELTA*= .0980 CM THETA= .0220 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.064568	.000000	1.000000	.466344	.000000
2	.012700	.112238	.523280	1.000000	.546151	.925025
3	.025400	.128232	.579531	1.000000	.568179	1.044918
4	.038100	.141585	.612646	1.000000	.583148	1.119082
5	.050800	.156993	.649281	1.000000	.601712	1.204731
6	.063500	.175334	.686854	1.000000	.623256	1.297061
7	.076200	.193676	.719905	1.000000	.644632	1.382592
8	.088900	.214953	.753721	1.000000	.669233	1.474899
9	.101600	.235496	.782479	1.000000	.692668	1.557751
10	.114300	.256772	.809206	1.000000	.716840	1.638826
11	.127000	.275848	.831191	1.000000	.738694	1.708820
12	.139700	.296391	.852625	1.000000	.761939	1.780250
13	.152400	.319868	.874951	1.000000	.788455	1.858384
14	.165100	.344080	.895899	1.000000	.815758	1.935543
15	.177800	.366824	.913921	1.000000	.841376	2.005241
16	.190500	.388834	.930028	1.000000	.866145	2.070401
17	.203200	.411578	.945632	1.000000	.892022	2.136353
18	.215900	.432121	.958621	1.000000	.915127	2.193565
19	.228600	.452663	.970803	1.000000	.938221	2.249296
20	.241300	.473206	.982255	1.000000	.961306	2.303658
21	.254000	.487146	.989644	1.000000	.976965	2.339816
22	.266700	.500352	.996380	1.000000	.991798	2.373556
23	.279400	.508056	1.000196	1.000000	1.000449	2.393015
24	.292100	.513192	1.002695	1.000000	1.006215	2.405899
25	.304800	.515980	1.004038	1.000000	1.009346	2.412864
26	.317500	.517447	1.004740	1.000000	1.010993	2.416522
27	.330200	.517447	1.004740	1.000000	1.010993	2.416522
28	.342900	.516053	1.004073	1.000000	1.009428	2.413047
29	.355600	.515393	1.003756	1.000000	1.008687	2.411399
30	.368300	.513705	1.002943	1.000000	1.006792	2.407183
31	.381000	.510624	1.001450	1.000000	1.003332	2.399466
32	.393700	.506589	.999475	1.000000	.998801	2.389321
33	.406400	.500352	.996380	1.000000	.991798	2.373556
34	.419100	.493749	.993043	1.000000	.984382	2.356747
35	.431800	.487146	.989644	1.000000	.976965	2.339816
36	.444500	.478342	.985012	1.000000	.967075	2.317046
37	.457200	.468071	.979457	1.000000	.955535	2.290190
38	.469900	.461834	.976002	1.000000	.948528	2.273728
39	.482600	.456332	.972900	1.000000	.942344	2.259101
40	.495300	.468071	.979457	1.000000	.955535	2.290190
41	.508000	.504021	.998207	1.000000	.995917	2.382842
42	.533400	.509156	1.000734	1.000000	1.001684	2.395781
43	.558800	.509890	1.001093	1.000000	1.002508	2.397624

ID NO. 22310-007

STATION X= 7.07 CM PTO= 23.596 N/SQ CM TTO=299.22K
R= 2.591 CM PWALL= 1.5561 N/SQ CM CF= .00145 PT =1.741
UE= 565.6 M/SEC RHOE=.01204 KG/CUB M RE= 22.748E6 /M
DELTA= .277 CM DELTA*= .0971 CM THETA= .0218 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.065949	.000000	1.000000	.467464	.000000
2	.012700	.116787	.531867	1.000000	.550276	.941711
3	.025400	.132761	.582628	1.000000	.570615	1.050384
4	.038100	.146354	.617782	1.000000	.586710	1.129360
5	.050800	.161395	.652182	1.000000	.604357	1.210042
6	.063500	.177535	.684682	1.000000	.622993	1.289781
7	.076200	.197345	.719881	1.000000	.645647	1.380523
8	.088900	.217154	.751014	1.000000	.668152	1.465113
9	.101600	.236229	.777654	1.000000	.689525	1.541156
10	.114300	.261174	.808781	1.000000	.717350	1.634865
11	.127000	.281717	.832034	1.000000	.740437	1.708717
12	.139700	.305195	.855921	1.000000	.766505	1.788448
13	.152400	.329406	.878256	1.000000	.793337	1.866960
14	.165100	.351416	.896824	1.000000	.817695	1.935477
15	.177800	.377095	.916683	1.000000	.846079	2.012379
16	.190500	.401306	.933857	1.000000	.872816	2.082221
17	.203200	.422583	.948032	1.000000	.896599	2.142434
18	.215900	.443126	.960684	1.000000	.919273	2.198306
19	.228600	.463669	.972569	1.000000	.941937	2.252768
20	.241300	.484945	.984144	1.000000	.965401	2.307799
21	.254000	.498151	.990984	1.000000	.979960	2.341295
22	.266700	.510624	.997217	1.000000	.993709	2.372491
23	.279400	.517227	1.000432	1.000000	1.000986	2.388839
24	.292100	.521262	1.002369	1.000000	1.005433	2.398774
25	.304800	.523830	1.003590	1.000000	1.008263	2.405075
26	.317500	.524197	1.003764	1.000000	1.008667	2.405973
27	.330200	.523463	1.003416	1.000000	1.007858	2.404176
28	.342900	.521996	1.002719	1.000000	1.006241	2.400576
29	.355600	.526031	1.004631	1.000000	1.010688	2.410462
30	.368300	.562715	1.021116	1.000000	1.051103	2.498520
31	.381000	.581057	1.028798	1.000000	1.071304	2.541392
32	.393700	.581057	1.028798	1.000000	1.071304	2.541392
33	.406400	.580323	1.028497	1.000000	1.070496	2.539691
34	.419100	.579222	1.028045	1.000000	1.069284	2.537138
35	.431800	.578122	1.027592	1.000000	1.068072	2.534582
36	.444500	.575921	1.026682	1.000000	1.065648	2.529462
37	.457200	.573720	1.025767	1.000000	1.063224	2.524331
38	.469900	.570051	1.024231	1.000000	1.059184	2.515757
39	.482600	.564549	1.021900	1.000000	1.053123	2.502840
40	.495300	.557212	1.018741	1.000000	1.045042	2.485512
41	.508000	.548041	1.014709	1.000000	1.034939	2.463679
42	.533400	.534835	1.008732	1.000000	1.020389	2.431690
43	.558800	.510624	.997217	1.000000	.993709	2.372491

STATION X= 7.33 CM PTO= 23.596 N/SQ CM TTO=299.22K
R= 2.591 CM PWALL= 1.6933 N/SQ CM CF= .00127 PT =2.012
UE= 572.0 M/SEC RHOE=.01345 KG/CUB M RE= 26.334E6 /M
DELTA= .301 CM DELTA*= .1099 CM THETA= .0237 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.071763	.000000	1.000000	.455428	.000000
2	.012700	.120309	.502024	1.000000	.527878	.891855
3	.025400	.137183	.559049	1.000000	.548840	1.012686
4	.038100	.151123	.591705	1.000000	.562717	1.085307
5	.050800	.165797	.625043	1.000000	.578507	1.162430
6	.063500	.181571	.656455	1.000000	.595078	1.238211
7	.076200	.200279	.689233	1.000000	.614360	1.320931
8	.088900	.219355	.718714	1.000000	.633682	1.398925
9	.101600	.239164	.746471	1.000000	.653830	1.475869
10	.114300	.263375	.776523	1.000000	.678094	1.563515
11	.127000	.284652	.800277	1.000000	.699332	1.636381
12	.139700	.308863	.825023	1.000000	.723672	1.716088
13	.152400	.333074	.847265	1.000000	.747738	1.791416
14	.165100	.358753	.868741	1.000000	.773216	1.867856
15	.177800	.382598	.887006	1.000000	.796841	1.936042
16	.190500	.404241	.902361	1.000000	.818263	1.995857
17	.203200	.426985	.917387	1.000000	.840756	2.056791
18	.215900	.448995	.931133	1.000000	.862796	2.114794
19	.228600	.478342	.947911	1.000000	.891802	2.188791
20	.241300	.527498	.973113	1.000000	.940349	2.307333
21	.254000	.559046	.987650	1.000000	.971485	2.360257
22	.266700	.573720	.994029	1.000000	.985962	2.413415
23	.279400	.581057	.997134	1.000000	.993201	2.429822
24	.292100	.585825	.999122	1.000000	.997906	2.440427
25	.304800	.588393	1.000183	1.000000	1.000439	2.446118
26	.317500	.588760	1.000334	1.000000	1.000801	2.446930
27	.330200	.588760	1.000334	1.000000	1.000801	2.446930
28	.342900	.588760	1.000334	1.000000	1.000801	2.446930
29	.355600	.588247	1.000123	1.000000	1.000294	2.445793
30	.368300	.586559	.999426	1.000000	.998629	2.442054
31	.381000	.586192	.999274	1.000000	.998268	2.441241
32	.393700	.586192	.999274	1.000000	.998268	2.441241
33	.406400	.586632	.999456	1.000000	.998702	2.442217
34	.419100	.587513	.999820	1.000000	.999570	2.444168
35	.431800	.589127	1.000485	1.000000	1.001162	2.447741
36	.444500	.588467	1.000214	1.000000	1.000511	2.446280
37	.457200	.587806	.999941	1.000000	.999860	2.444818
38	.469900	.587293	.999729	1.000000	.999353	2.443681
39	.482600	.587660	.999881	1.000000	.999715	2.444493
40	.495300	.588026	1.000032	1.000000	1.000077	2.445306
41	.508000	.587513	.999820	1.000000	.999570	2.444168
42	.533400	.586192	.999274	1.000000	.998268	2.441241
43	.558800	.583624	.998207	1.000000	.995734	2.435538

STATION X= 7.58 CM PTO= 23.596 N/SQ CM TTO=299.22K
R= 2.591 CM PWALL= 2.2156 N/SQ CM CF= .00103 PT[illegible]=3.157
UE= 530.3 M/SEC RHOE=.01507 KG/CUB M RE= 23.679E6 /M
DELTA= .251 CM DELTA*= .0990 CM THETA= .0238 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.093899	.000000	1.000000	.531932	.000000
2	.012700	.120676	.384426	1.000000	.571461	.609561
3	.025400	.136083	.463569	1.000000	.591421	.747781
4	.038100	.152590	.526059	1.000000	.611087	.862577
5	.050800	.167264	.569991	1.000000	.627330	.946951
6	.063500	.182671	.610531	1.000000	.644353	1.027973
7	.076200	.200279	.643225	1.000000	.659685	1.095829
8	.088900	.221189	.681320	1.000000	.679590	1.178111
9	.101600	.242832	.715958	1.000000	.699846	1.256320
10	.114300	.272179	.756754	1.000000	.726734	1.353175
11	.127000	.301526	.792497	1.000000	.753414	1.442867
12	.139700	.331607	.824727	1.000000	.780380	1.528180
13	.152400	.366090	.857554	1.000000	.811140	1.620023
14	.165100	.402040	.888226	1.000000	.843372	1.710978
15	.177800	.438724	.915978	1.000000	.875920	1.798163
16	.190500	.469538	.937132	1.000000	.903209	1.868127
17	.203200	.501820	.957480	1.000000	.931759	1.938623
18	.215900	.529699	.973746	1.000000	.956391	1.997445
19	.228600	.551710	.985821	1.000000	.975822	2.042655
20	.241300	.569318	.995035	1.000000	.991360	2.078097
21	.254000	.581057	1.001160	1.000000	1.002047	2.102127
22	.266700	.590594	1.005868	1.000000	1.010465	2.120865
23	.279400	.596464	1.008715	1.000000	1.015644	2.132312
24	.292100	.599398	1.010124	1.000000	1.018234	2.138012
25	.304800	.599765	1.010300	1.000000	1.018558	2.138723
26	.317500	.600866	1.010825	1.000000	1.019529	2.140856
27	.330200	.601599	1.011175	1.000000	1.020176	2.142277
28	.342900	.601966	1.011350	1.000000	1.020500	2.142987
29	.355600	.601599	1.011175	1.000000	1.020176	2.142277
30	.368300	.600499	1.010650	1.000000	1.019205	2.140145
31	.381000	.599398	1.010124	1.000000	1.018234	2.138012
32	.393700	.598298	1.009597	1.000000	1.017263	2.135876
33	.406400	.596831	1.008891	1.000000	1.015968	2.133025
34	.419100	.597051	1.008997	1.000000	1.016162	2.133453
35	.431800	.597344	1.009138	1.000000	1.016421	2.134023
36	.444500	.596464	1.008715	1.000000	1.015644	2.132312
37	.457200	.595363	1.008184	1.000000	1.014673	2.130170
38	.469900	.595363	1.008184	1.000000	1.014673	2.130170
39	.482600	.594850	1.007935	1.000000	1.014220	2.129170
40	.495300	.594409	1.007722	1.000000	1.013832	2.128312
41	.508000	.594409	1.007722	1.000000	1.013832	2.128312
42	.533400	.594116	1.007580	1.000000	1.013573	2.127740
43	.558800	.594116	1.007580	1.000000	1.013573	2.127740

ID NO. 22310-010

STATION X= 7.84 CM PTO= 23.596 N/SQ CM TTO=299.22K
R= 2.591 CM PWALL= 2.2900 N/SQ CM CF= .00113 PT [illegible]=2.731
UE= 534.6 M/SEC RHOE=.01580 KG/CUB M RE= 25.378E6 /M
DELTA= .262 CM DELTA*= .0996 CM THETA= .0242 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.097053	.000000	1.000000	.524185	.000000
2	.012700	.127646	.397811	1.000000	.566870	.638087
3	.025400	.145254	.478224	1.000000	.588191	.781362
4	.038100	.167264	.550181	1.000000	.612386	.917233
5	.050800	.184505	.596028	1.000000	.630813	1.008506
6	.063500	.207616	.639411	1.000000	.650786	1.098907
7	.076200	.227425	.673847	1.000000	.668649	1.173876
8	.088900	.250903	.709983	1.000000	.689579	1.256035
9	.101600	.275848	.743729	1.000000	.711424	1.336413
10	.114300	.299325	.771958	1.000000	.731639	1.406707
11	.127000	.323537	.798676	1.000000	.752615	1.476110
12	.139700	.352150	.826965	1.000000	.777026	1.552982
13	.152400	.377095	.849431	1.000000	.798231	1.616792
14	.165100	.410110	.876765	1.000000	.826487	1.698098
15	.177800	.446794	.903864	1.000000	.857530	1.783157
16	.190500	.479809	.925975	1.000000	.885415	1.856240
17	.203200	.504021	.941000	1.000000	.905837	1.907991
18	.215900	.542172	.962892	1.000000	.937983	1.986720
19	.228600	.565649	.975396	1.000000	.957747	2.033612
20	.241300	.589861	.987600	1.000000	.978117	2.080836
21	.254000	.608203	.996599	1.000000	.993873	2.116642
22	.266700	.619208	1.001719	1.000000	1.003132	2.137403
23	.279400	.628012	1.005728	1.000000	1.010538	2.153865
24	.292100	.630946	1.007048	1.000000	1.013007	2.159324
25	.304800	.630213	1.006719	1.000000	1.012390	2.157961
26	.317500	.626544	1.005065	1.000000	1.009304	2.151131
27	.330200	.621409	1.002728	1.000000	1.004984	2.141531
28	.342900	.617740	1.001043	1.000000	1.001898	2.134647
29	.355600	.614806	.999685	1.000000	.999429	2.129123
30	.368300	.611504	.998147	1.000000	.996651	2.122892
31	.381000	.609303	.997116	1.000000	.994799	2.118727
32	.393700	.608203	.996599	1.000000	.993873	2.116642
33	.406400	.607836	.996426	1.000000	.993564	2.115946
34	.419100	.607469	.996253	1.000000	.993256	2.115250
35	.431800	.606735	.995907	1.000000	.992638	2.113858
36	.444500	.606735	.995907	1.000000	.992638	2.113858
37	.457200	.606882	.995976	1.000000	.992762	2.114136
38	.469900	.607469	.996253	1.000000	.993256	2.115250
39	.482600	.608789	.996875	1.000000	.994367	2.117754
40	.495300	.607836	.996426	1.000000	.993564	2.115946
41	.508000	.606735	.995907	1.000000	.992638	2.113858
42	.533400	.604901	.995038	1.000000	.991095	2.110372
43	.558800	.603800	.994516	1.000000	.990169	2.108278

ID NO. 22310-011

STATION X= 8.09 CM PTO= 23.596 N/SQ CM TTO=299.22K
R= 2.591 CM PWALL= 2.4351 N/SQ CM CF= .00114 PT[illegible]=2.866
UE= 521.2 M/SEC RHOE=.01608 KG/CUB M RE= 24.197E6 /M
DELTA= .226 CM DELTA*= .0851 CM THETA= .0214 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.103201	.000000	1.000000	.547711	.000000
2	.012700	.145107	.452913	1.000000	.603724	.715075
3	.025400	.155158	.493101	1.000000	.615387	.786009
4	.038100	.169465	.540480	1.000000	.631092	.872455
5	.050800	.186339	.586055	1.000000	.648442	.958940
6	.063500	.213485	.642149	1.000000	.673280	1.070659
7	.076200	.235496	.681198	1.000000	.693196	1.152441
8	.088900	.267044	.728552	1.000000	.720739	1.256801
9	.101600	.292722	.762094	1.000000	.742844	1.334672
10	.114300	.325738	.799886	1.000000	.770754	1.426932
11	.127000	.362421	.837076	1.000000	.801823	1.523075
12	.139700	.394703	.865959	1.000000	.828816	1.601930
13	.152400	.433955	.897669	1.000000	.861802	1.693312
14	.165100	.483478	.932675	1.000000	.902976	1.800883
15	.177800	.520162	.955827	1.000000	.933408	1.876430
16	.190500	.559046	.978205	1.000000	.965620	1.953215
17	.203200	.582524	.990768	1.000000	.985050	1.998105
18	.215900	.599398	.999399	1.000000	.999008	2.029740
19	.228600	.599398	.999399	1.000000	.999008	2.029740
20	.241300	.589861	.994560	1.000000	.991119	2.011922
21	.254000	.581057	.990002	1.000000	.983836	1.995330
22	.266700	.579589	.989234	1.000000	.982622	1.992551
23	.279400	.583991	.991531	1.000000	.986264	2.000876
24	.292100	.591328	.995311	1.000000	.992333	2.014674
25	.304800	.599398	.999399	1.000000	.999008	2.029740
26	.317500	.608936	1.004138	1.000000	1.006895	2.047399
27	.330200	.616273	1.007717	1.000000	1.012961	2.060878
28	.342900	.622876	1.010891	1.000000	1.018419	2.072931
29	.355600	.628012	1.013330	1.000000	1.022664	2.082257
30	.368300	.633147	1.015742	1.000000	1.026908	2.091541
31	.361000	.637550	1.017980	1.000000	1.030887	2.100205
32	.393700	.639751	1.018996	1.000000	1.032707	2.104157
33	.406400	.640484	1.019334	1.000000	1.033313	2.105473
34	.419100	.635348	1.016958	1.000000	1.029066	2.096245
35	.431800	.633881	1.016084	1.000000	1.027515	2.092863
36	.444500	.628012	1.013330	1.000000	1.022664	2.082257
37	.457200	.623610	1.011241	1.000000	1.019025	2.074266
38	.469900	.619208	1.009134	1.000000	1.015387	2.066244
39	.482600	.616273	1.007717	1.000000	1.012961	2.060878
40	.495300	.614439	1.006828	1.000000	1.011444	2.057516
41	.508000	.614439	1.006828	1.000000	1.011444	2.057516
42	.533400	.615906	1.007540	1.000000	1.012657	2.060206
43	.558800	.615686	1.007433	1.000000	1.012475	2.059803

ID NO. 22310-012

STATION X= 6.34 CM PTO= 23.596 N/SQ CM TTO=299.22K
R= 2.591 CM PWALL= 2.5994 N/SQ CM CF= .00111 PI =2.849
UE= 525.9 M/SEC RHOE=.01743 KG/CUB M RE= 26.815E6 /M
DELTA= .246 CM DELTA*= .0931 CM THETA= .0233 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.110163	.000000	1.000000	.539564	.000000
2	.012700	.161395	.473616	1.000000	.601768	.759228
3	.025400	.170199	.503816	1.000000	.610970	.813448
4	.038100	.182671	.540553	1.000000	.623441	.881625
5	.050800	.196611	.575569	1.000000	.636679	.948649
6	.063500	.214219	.615013	1.000000	.653349	1.026846
7	.076200	.237697	.653181	1.000000	.671469	1.105591
8	.088900	.264169	.693816	1.000000	.693211	1.193233
9	.101600	.291255	.729848	1.000000	.714905	1.274691
10	.114300	.325004	.769211	1.000000	.741601	1.368292
11	.127000	.362421	.807374	1.000000	.770956	1.464325
12	.139700	.400573	.841378	1.000000	.800482	1.554945
13	.152400	.439457	.872197	1.000000	.830439	1.641786
14	.165100	.483478	.903536	1.000000	.864533	1.735339
15	.177800	.529699	.932601	1.000000	.899966	1.827499
16	.190500	.564182	.952280	1.000000	.926354	1.893220
17	.203200	.593529	.967657	1.000000	.948788	1.947349
18	.215900	.625077	.983533	1.000000	.972883	2.003860
19	.228600	.641218	.991161	1.000000	.985204	2.032148
20	.241300	.655891	.997681	1.000000	.996401	2.057519
21	.254000	.663228	1.001168	1.000000	1.001998	2.070085
22	.266700	.666897	1.002793	1.000000	1.004796	2.076339
23	.279400	.667997	1.003278	1.000000	1.005636	2.078211
24	.292100	.668731	1.003601	1.000000	1.006195	2.079459
25	.304800	.667263	1.002955	1.000000	1.005076	2.076963
26	.317500	.663228	1.001168	1.000000	1.001998	2.070085
27	.330200	.655891	.997881	1.000000	.996401	2.057519
28	.342900	.633147	.987379	1.000000	.979044	2.018055
29	.355600	.611871	.977098	1.000000	.962799	1.980406
30	.368300	.601599	.971968	1.000000	.954954	1.961965
31	.381000	.601599	.971968	1.000000	.954954	1.961965
32	.393700	.605268	.973813	1.000000	.957756	1.968571
33	.406400	.610464	.976372	1.000000	.961678	1.977782
34	.419100	.616273	.979263	1.000000	.966161	1.988255
35	.431800	.621409	.981763	1.000000	.970082	1.997373
36	.444500	.627278	.984588	1.000000	.974563	2.007741
37	.457200	.632414	.987032	1.000000	.978484	2.016769
38	.469900	.636816	.989106	1.000000	.981844	2.024473
39	.482600	.641218	.991161	1.000000	.985204	2.032148
40	.495300	.646354	.993536	1.000000	.989123	2.041065
41	.508000	.647821	.994210	1.000000	.990243	2.043605
42	.533400	.647821	.994210	1.000000	.990243	2.043605
43	.558600	.634615	.988071	1.000000	.980164	2.020625

STATION X= 8.60 CM PTO= 23.596 N/SQ CM TTO=299.22K
R= 2.591 CM PWALL= 2.8415 N/SQ CM CF= .00115 PT =2.764
UE= 516.8 M/SEC RHOE=.01850 KG/CUB M RE= 27.252E6 /M
DELTA= .254 CM DELTA*= .0928 CM THETA= .0242 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.120425	.000000	1.000000	.555479	.000000
2	.012700	.170932	.462838	1.000000	.613942	.725420
3	.025400	.187073	.515773	1.000000	.629975	.818675
4	.038100	.199546	.549787	1.000000	.641700	.880964
5	.050800	.213485	.582646	1.000000	.654201	.942665
6	.063500	.231827	.621834	1.000000	.670776	1.018733
7	.076200	.252370	.653144	1.000000	.685465	1.081680
8	.088900	.275848	.688570	1.000000	.703815	1.155513
9	.101600	.307396	.729858	1.000000	.727822	1.245512
10	.114300	.340411	.767490	1.000000	.752520	1.331769
11	.127000	.373427	.800588	1.000000	.776798	1.411433
12	.139700	.410110	.833734	1.000000	.803868	1.495260
13	.152400	.450462	.865963	1.000000	.833231	1.581173
14	.165100	.494483	.897328	1.000000	.865134	1.669514
15	.177800	.531167	.921209	1.000000	.891952	1.740307
16	.190500	.570765	.944543	1.000000	.920558	1.812776
17	.203200	.604534	.962869	1.000000	.944889	1.872210
18	.215900	.633881	.977779	1.000000	.966025	1.922347
19	.228600	.658092	.989429	1.000000	.983448	1.962716
20	.241300	.672766	.996223	1.000000	.994003	1.986771
21	.254000	.680836	.999879	1.000000	.999807	1.999874
22	.266700	.685972	1.002176	1.000000	1.003499	2.008167
23	.279400	.687439	1.002829	1.000000	1.004554	2.010530
24	.292100	.687806	1.002991	1.000000	1.004818	2.011120
25	.304800	.688026	1.003089	1.000000	1.004976	2.011474
26	.317500	.687439	1.002829	1.000000	1.004554	2.010530
27	.330200	.686852	1.002568	1.000000	1.004132	2.009585
28	.342900	.685972	1.002176	1.000000	1.003499	2.008167
29	.355600	.685238	1.001850	1.000000	1.002972	2.006985
30	.368300	.684725	1.001621	1.000000	1.002602	2.006156
31	.381000	.683771	1.001195	1.000000	1.001917	2.004617
32	.393700	.683037	1.000866	1.000000	1.001389	2.003433
33	.406400	.681203	1.000044	1.000000	1.000070	2.000468
34	.419100	.678635	.998888	1.000000	.998224	1.996309
35	.431800	.670565	.995216	1.000000	.992420	1.983182
36	.444500	.655891	.988392	1.000000	.981865	1.959081
37	.457200	.630946	.976328	1.000000	.963912	1.917394
38	.469900	.614806	.968190	1.000000	.952289	1.889915
39	.482600	.609670	.965544	1.000000	.948589	1.881084
40	.495300	.611137	.966303	1.000000	.949646	1.883611
41	.508000	.615539	.968566	1.000000	.952817	1.891173
42	.533400	.626178	.973951	1.000000	.960478	1.909318
43	.558800	.635348	.978501	1.000000	.967081	1.924818

STATION X= 8.85 CM PTO= 23.596 N/SQ CM TTO=299.22K
R= 2.591 CM PWALL= 2.9101 N/SQ CM CF= .00121 PT =2.558
UE= 514.7 M/SEC RHOE=.01883 KG/CUB M RE= 27.471E6 /M
DELTA= .260 CM DELTA*= .0919 CM THETA= .0244 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.123332	.000000	1.000000	.558972	.000000
2	.012700	.179736	.480952	1.000000	.622474	.753678
3	.025400	.196611	.531841	1.000000	.638640	.844176
4	.038100	.211284	.568552	1.000000	.651910	.911774
5	.050800	.225224	.598681	1.000000	.663919	.968895
6	.063500	.243566	.635173	1.000000	.679956	1.040293
7	.076200	.261174	.659971	1.000000	.691878	1.090343
8	.088900	.284652	.694168	1.000000	.709821	1.161616
9	.101600	.309597	.726515	1.000000	.728573	1.231699
10	.114300	.341879	.763413	1.000000	.752349	1.315263
11	.127000	.377095	.798743	1.000000	.777831	1.399179
12	.139700	.413045	.831193	1.000000	.803927	1.480246
13	.152400	.454131	.864004	1.000000	.833227	1.566560
14	.165100	.498151	.895363	1.000000	.864694	1.653688
15	.177800	.536503	.921515	1.000000	.893664	1.730266
16	.190500	.578856	.945105	1.000000	.922299	1.802766
17	.203200	.608203	.961002	1.000000	.943094	1.853639
18	.215900	.636816	.975593	1.000000	.963349	1.901883
19	.228600	.659560	.986606	1.000000	.979438	1.939347
20	.241300	.677168	.994603	1.000000	.991886	1.967847
21	.254000	.685238	.998468	1.000000	.997590	1.980768
22	.266700	.691108	1.001099	1.000000	1.001738	1.990111
23	.279400	.693309	1.002078	1.000000	1.003293	1.993604
24	.292100	.694042	1.002403	1.000000	1.003811	1.994766
25	.304800	.695143	1.002891	1.000000	1.004589	1.996509
26	.317500	.695510	1.003053	1.000000	1.004848	1.997089
27	.330200	.695510	1.003053	1.000000	1.004848	1.997089
28	.342900	.696243	1.003377	1.000000	1.005367	1.998250
29	.355600	.696243	1.003377	1.000000	1.005367	1.998250
30	.368300	.696390	1.003442	1.000000	1.005470	1.998482
31	.381000	.696830	1.003636	1.000000	1.005781	1.999178
32	.393700	.696977	1.003701	1.000000	1.005885	1.999410
33	.406400	.696243	1.003377	1.000000	1.005367	1.998250
34	.419100	.695143	1.002891	1.000000	1.004589	1.996509
35	.431800	.694042	1.002403	1.000000	1.003811	1.994766
36	.444500	.692575	1.001752	1.000000	1.002775	1.992440
37	.457200	.691108	1.001099	1.000000	1.001738	1.990111
38	.469900	.688173	.999787	1.000000	.999664	1.985446
39	.482600	.683771	.997806	1.000000	.996553	1.978425
40	.495300	.677902	.995138	1.000000	.992405	1.969025
41	.508000	.669831	.991421	1.000000	.986700	1.956024
42	.533400	.647454	.980806	1.000000	.970876	1.919501
43	.558800	.592795	.952779	1.000000	.932180	1.827114

STATION X= 9.11 CM PTO= 23.596 N/SQ CM TTO=299.22K
R= 2.591 CM PWALL= 2.9845 N/SQ CM CF= .00128 PI =2.365
UE= 513.1 M/SEC RHOE=.01922 KG/CUB M RE= 27.832E6 /M
DELTA= .269 CM DELTA*= .0920 CM THETA= .0249 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.126486	.000000	1.000000	.561669	.000000
2	.012700	.190068	.500410	1.000000	.630921	.785161
3	.025400	.206882	.546981	1.000000	.646446	.868728
4	.038100	.221556	.581450	1.000000	.659228	.931915
5	.050800	.236229	.610663	1.000000	.671418	.988424
6	.063500	.254571	.642163	1.000000	.685595	1.050328
7	.076200	.272179	.668426	1.000000	.698458	1.103491
8	.088900	.293456	.698284	1.000000	.714347	1.165821
9	.101600	.318401	.729791	1.000000	.732727	1.234000
10	.114300	.350683	.765823	1.000000	.756024	1.315350
11	.127000	.384432	.799057	1.000000	.779956	1.393986
12	.139700	.413779	.825494	1.000000	.800893	1.459308
13	.152400	.457799	.860737	1.000000	.831789	1.550682
14	.165100	.496684	.888595	1.000000	.858961	1.626807
15	.177800	.531167	.911411	1.000000	.883278	1.692032
16	.190500	.573720	.936874	1.000000	.912894	1.768223
17	.203200	.611137	.957390	1.000000	.938888	1.832488
18	.215900	.639017	.971672	1.000000	.958233	1.878888
19	.228600	.661761	.982750	1.000000	.974002	1.915879
20	.241300	.677962	.990320	1.000000	.985186	1.941691
21	.254000	.691108	.996343	1.000000	.994334	1.962549
22	.266700	.698445	.999625	1.000000	.999415	1.974038
23	.279400	.702113	1.001250	1.000000	1.001955	1.979758
24	.292100	.703580	1.001896	1.000000	1.002971	1.982040
25	.304800	.703947	1.002058	1.000000	1.003225	1.982611
26	.317500	.703434	1.001832	1.000000	1.002870	1.981812
27	.330200	.700646	1.000601	1.000000	1.000939	1.977472
28	.342900	.696977	.998972	1.000000	.998399	1.971746
29	.355600	.691841	.996673	1.000000	.994842	1.963701
30	.368300	.686339	.994185	1.000000	.991031	1.955043
31	.381000	.680103	.991334	1.000000	.986711	1.945183
32	.393700	.673133	.988107	1.000000	.981882	1.934102
33	.406400	.665796	.984664	1.000000	.976798	1.922366
34	.419100	.658826	.981348	1.000000	.971967	1.911148
35	.431800	.650756	.977451	1.000000	.966373	1.898073
36	.444500	.644153	.974217	1.000000	.961794	1.887306
37	.457200	.635715	.970023	1.000000	.955943	1.873455
38	.469900	.627645	.965944	1.000000	.950344	1.860106
39	.482600	.620308	.962177	1.000000	.945253	1.847884
40	.495300	.611564	.957583	1.000000	.939142	1.833106
41	.508000	.602333	.952707	1.000000	.932775	1.817579
42	.533400	.584725	.943079	1.000000	.920543	1.787374
43	.558800	.567117	.933080	1.000000	.908303	1.756627

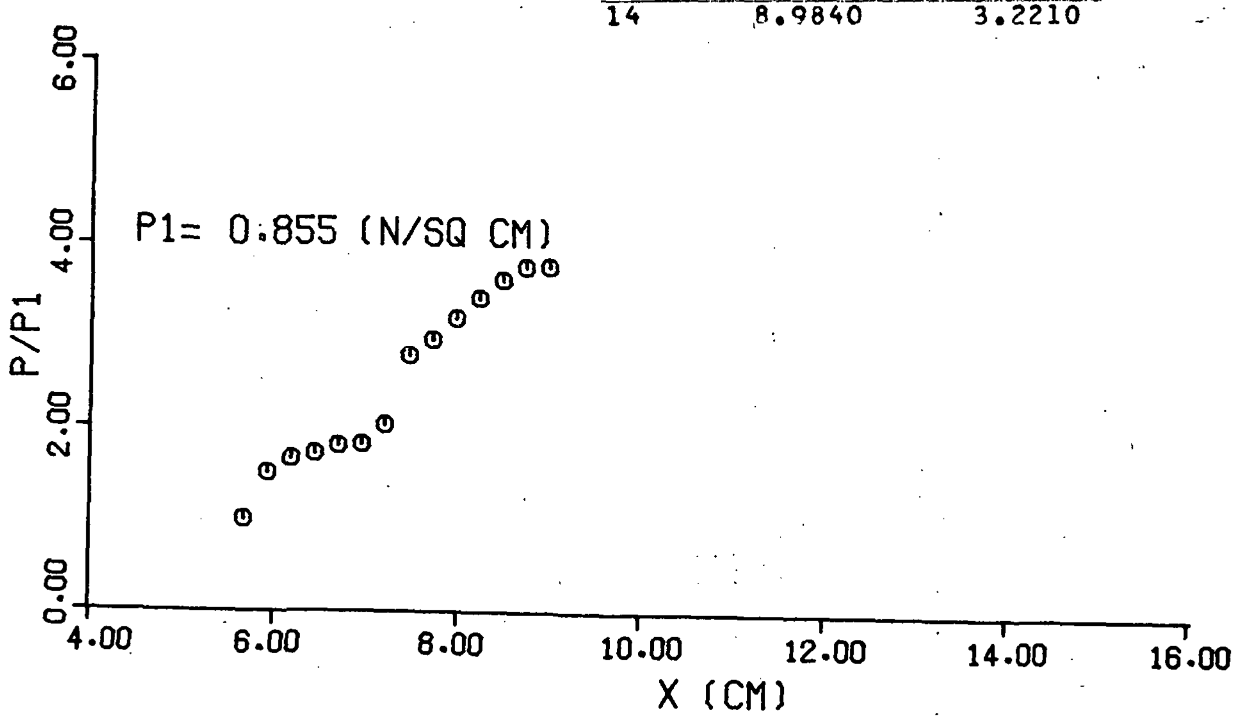
STATION X= 9.36 CM PTO= 23.596 N/SQ CM TTO=299.22K
R= 2.591 CM PWALL= 2.9845 N/SQ CM CF= .00144 PT[illegible]=2.010
UE= 505.9 M/SEC RHOE=.01881 KG/CUB M RE= 26.331E6 /M
DELTA= .269 CM DELTA*= .0862 CM THETA= .0245 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.126486	.000000	1.000000	.574014	.000000
2	.012700	.199179	.534437	1.000000	.653530	.832245
3	.025400	.216420	.577888	1.000000	.669216	.910644
4	.038100	.232561	.612302	1.000000	.683112	.974840
5	.050800	.245033	.638008	1.000000	.694427	1.024145
6	.063500	.263375	.664437	1.000000	.706968	1.076156
7	.076200	.281717	.692143	1.000000	.721189	1.132249
8	.088900	.303727	.721940	1.000000	.737829	1.194540
9	.101600	.323537	.746350	1.000000	.752598	1.247227
10	.114300	.355085	.781459	1.000000	.775841	1.325911
11	.127000	.383698	.809858	1.000000	.796568	1.392331
12	.139700	.417447	.840522	1.000000	.821134	1.467161
13	.152400	.456332	.871996	1.000000	.849020	1.547731
14	.165100	.491548	.897803	1.000000	.874177	1.616972
15	.177800	.531167	.924522	1.000000	.902691	1.692032
16	.190500	.560514	.942598	1.000000	.923571	1.744951
17	.203200	.594996	.962387	1.000000	.948068	1.805058
18	.215900	.614072	.972726	1.000000	.961604	1.837429
19	.228600	.639017	.985650	1.000000	.979292	1.878888
20	.241300	.652957	.992597	1.000000	.989171	1.901648
21	.254000	.662494	.997241	1.000000	.995928	1.917060
22	.266700	.667630	.999707	1.000000	.999565	1.925307
23	.279400	.669098	1.000407	1.000000	1.000604	1.927656
24	.292100	.666897	.999356	1.000000	.999045	1.924131
25	.304800	.663962	.997948	1.000000	.996967	1.919420
26	.317500	.659413	.995750	1.000000	.993745	1.912095
27	.330200	.654057	.993137	1.000000	.989951	1.903433
28	.342900	.648555	.990424	1.000000	.986052	1.894491
29	.355600	.642318	.987313	1.000000	.981632	1.884304
30	.368300	.636082	.984163	1.000000	.977212	1.874059
31	.381000	.629846	.980974	1.000000	.972791	1.863757
32	.393700	.624343	.978127	1.000000	.968889	1.854617
33	.406400	.617373	.974475	1.000000	.963946	1.842972
34	.419100	.611137	.971162	1.000000	.959522	1.832488
35	.431800	.605268	.968005	1.000000	.955358	1.822563
36	.444500	.599398	.964810	1.000000	.951193	1.812582
37	.457200	.592429	.960963	1.000000	.946245	1.800654
38	.469900	.585092	.956853	1.000000	.941035	1.788009
39	.482600	.577975	.952803	1.000000	.935981	1.775654
40	.495300	.570638	.948563	1.000000	.930768	1.762822
41	.508000	.562935	.944036	1.000000	.925292	1.749242
42	.533400	.546941	.934387	1.000000	.913918	1.720689
43	.558800	.531167	.924522	1.000000	.902691	1.692032

ID NO. 22310-017

PTO=	23.5260 N/SQ CM
TTO=	302.5556 K
PBAR=	762.3000 MMHG
TMAN=	300.8889 K

I	X(CM)	P(N/SQ CM)
1	5.6820	.8547
2	5.9360	1.2868
3	6.1900	1.4137
4	6.4440	1.4617
5	6.6980	1.5406
6	6.9520	1.5509
7	7.2060	1.7361
8	7.4600	2.3805
9	7.7140	2.5283
10	7.9680	2.7299
11	8.2220	2.9192
12	8.4760	3.0893
13	8.7300	3.2141
14	8.9840	3.2210



ID NO. 22310 -017

ID NO. 22310-018

STATION X= 5.68 CM PTO= 23.523 N/SQ CM TTO=299.22K
R= 2.591 CM PWALL= .8548 N/SQ CM CF= .00163 PI = .934
UE= 621.8 M/SEC RHOE=.00868 KG/CUB M RE= 23.482E6 /M
DELTA= .334 CM DELTA*= .1102 CM THETA= .0191 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.036337	.000000	1.000000	.356314	.000000
2	.012700	.085156	.579381	1.000000	.454525	1.173946
3	.025400	.107601	.651678	1.000000	.490361	1.371502
4	.038100	.127104	.700543	1.000000	.520848	1.519480
5	.050800	.143662	.735178	1.000000	.546414	1.633273
6	.063500	.159117	.763568	1.000000	.570369	1.733129
7	.076200	.174939	.789094	1.000000	.594654	1.828800
8	.088900	.189658	.810354	1.000000	.617199	1.913343
9	.101600	.205112	.830517	1.000000	.640838	1.998149
10	.114300	.220567	.848796	1.000000	.664451	2.079408
11	.127000	.233078	.862558	1.000000	.683781	2.143641
12	.139700	.245589	.875219	1.000000	.702884	2.205279
13	.152400	.258835	.887708	1.000000	.723100	2.268686
14	.165100	.271346	.898727	1.000000	.742184	2.326959
15	.177800	.286065	.910825	1.000000	.764628	2.393675
16	.190500	.302255	.923167	1.000000	.789307	2.464952
17	.203200	.319182	.935109	1.000000	.815099	2.537304
18	.215900	.335372	.945714	1.000000	.839762	2.604612
19	.228600	.349723	.954513	1.000000	.861618	2.662836
20	.241300	.367753	.964955	1.000000	.889362	2.734963
21	.254000	.379528	.971310	1.000000	.907299	2.780598
22	.266700	.393511	.978486	1.000000	.928597	2.833829
23	.279400	.405286	.984240	1.000000	.946530	2.877886
24	.292100	.417061	.989749	1.000000	.964461	2.921274
25	.304800	.426628	.994054	1.000000	.979028	2.956056
26	.317500	.433987	.997267	1.000000	.990234	2.982534
27	.330200	.439139	.999467	1.000000	.998077	3.000928
28	.342900	.442597	1.000922	1.000000	1.003343	3.013215
29	.355600	.443922	1.001475	1.000000	1.005360	3.017908
30	.368300	.445173	1.001994	1.000000	1.007265	3.022333
31	.381000	.446498	1.002542	1.000000	1.009282	3.027011
32	.393700	.447234	1.002845	1.000000	1.010402	3.029607
33	.406400	.447970	1.003148	1.000000	1.011522	3.032201
34	.419100	.448632	1.003419	1.000000	1.012531	3.034533
35	.431800	.448927	1.003540	1.000000	1.012979	3.035569
36	.444500	.449442	1.003751	1.000000	1.013763	3.037381
37	.457200	.449589	1.003811	1.000000	1.013987	3.037899
38	.469900	.449662	1.003841	1.000000	1.014099	3.038158
39	.482600	.450030	1.003991	1.000000	1.014660	3.039451
40	.495300	.450178	1.004051	1.000000	1.014884	3.039968
41	.508000	.450178	1.004051	1.000000	1.014884	3.039968
42	.533400	.450914	1.004350	1.000000	1.016004	3.042553
43	.558800	.452533	1.005007	1.000000	1.018469	3.048232

ID NO. 22310-019

STATION X= 5.94 CM PTO= 23.523 N/SQ CM TTO=299.22K
R= 2.591 CM PWALL= 1.2869 N/SQ CM CF= .00175 PI =1.396
UE= 558.5 M/SEC RHOE=.00968 KG/CUB M RE= 17.594E6 /M
DELTA= .254 CM DELTA*= .0837 CM THETA= .0196 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.054707	.000000	1.000000	.480761	.000000
2	.012700	.095091	.530468	1.000000	.563026	.924968
3	.025400	.113121	.599189	1.000000	.590921	1.070366
4	.038100	.130783	.652361	1.000000	.617132	1.190914
5	.050800	.149918	.699712	1.000000	.644640	1.305515
6	.063500	.167580	.736743	1.000000	.669433	1.400790
7	.076200	.186714	.772121	1.000000	.696307	1.497234
8	.088900	.204376	.800839	1.000000	.720792	1.579988
9	.101600	.220567	.824620	1.000000	.743156	1.651953
10	.114300	.237493	.847532	1.000000	.766733	1.724574
11	.127000	.255156	.869147	1.000000	.791040	1.796371
12	.139700	.271346	.887373	1.000000	.813285	1.859652
13	.152400	.286801	.903529	1.000000	.834494	1.918040
14	.165100	.306671	.922733	1.000000	.861732	1.990518
15	.177800	.323597	.937861	1.000000	.884914	2.050184
16	.190500	.341996	.953347	1.000000	.910396	2.113830
17	.203200	.358186	.965940	1.000000	.932558	2.167662
18	.215900	.376584	.979354	1.000000	.957728	2.227227
19	.228600	.389095	.987978	1.000000	.974838	2.266822
20	.241300	.397926	.993842	1.000000	.986912	2.294353
21	.254000	.407494	.999996	1.000000	.999990	2.323805
22	.266700	.414853	1.004595	1.000000	1.010049	2.346205
23	.279400	.422212	1.009083	1.000000	1.020106	2.368391
24	.292100	.429572	1.013464	1.000000	1.030162	2.390367
25	.304800	.433251	1.015615	1.000000	1.035189	2.401279
26	.317500	.436931	1.017741	1.000000	1.040216	2.412141
27	.330200	.439875	1.019424	1.000000	1.044238	2.420795
28	.342900	.441714	1.020467	1.000000	1.046751	2.426188
29	.355600	.443554	1.021505	1.000000	1.049264	2.431569
30	.368300	.445026	1.022331	1.000000	1.051275	2.435865
31	.381000	.445983	1.022865	1.000000	1.052582	2.438653
32	.393700	.446719	1.023275	1.000000	1.053587	2.440796
33	.406400	.447087	1.023480	1.000000	1.054090	2.441867
34	.419100	.447749	1.023848	1.000000	1.054994	2.443792
35	.431800	.448559	1.024297	1.000000	1.056100	2.446144
36	.444500	.449442	1.024785	1.000000	1.057306	2.448707
37	.457200	.450030	1.025110	1.000000	1.058111	2.450414
38	.469900	.450546	1.025393	1.000000	1.058814	2.451907
39	.482600	.450693	1.025474	1.000000	1.059015	2.452333
40	.495300	.451281	1.025797	1.000000	1.059819	2.454038
41	.508000	.451281	1.025797	1.000000	1.059819	2.454038
42	.533400	.452827	1.026644	1.000000	1.061930	2.458507
43	.558800	.453121	1.026804	1.000000	1.062332	2.459357

ID NO. 22310-020

STATION X= 6.19 CM PTO= 23.523 N/SQ CM TTO=299.22K
R= 2.591 CM PWALL= 1.4138 N/SQ CM CF= .00157 PI =1.642
UE= 559.5 M/SEC RHOE=.01068 KG/CUB M RE= 19.503E6 /M
DELTA= .257 CM DELTA*= .0887 CM THETA= .0205 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.060101	.000000	1.000000	.478955	.000000
2	.012700	.102082	.519202	1.000000	.557222	.903910
3	.025400	.117905	.581686	1.000000	.581468	1.034490
4	.038100	.134463	.627403	1.000000	.602536	1.135829
5	.050800	.151757	.670417	1.000000	.625422	1.236536
6	.063500	.170524	.710134	1.000000	.649658	1.334927
7	.076200	.188922	.743907	1.000000	.673016	1.423332
8	.088900	.209528	.777568	1.000000	.699236	1.516441
9	.101600	.227926	.804158	1.000000	.722345	1.594001
10	.114300	.247796	.830076	1.000000	.747216	1.673464
11	.127000	.266195	.852130	1.000000	.770451	1.744429
12	.139700	.287537	.875197	1.000000	.797069	1.822338
13	.152400	.308143	.895509	1.000000	.822727	1.894405
14	.165100	.328749	.914158	1.000000	.848353	1.963742
15	.177800	.350827	.932533	1.000000	.875780	2.035340
16	.190500	.369961	.947454	1.000000	.899827	2.096103
17	.203200	.389831	.961730	1.000000	.924495	2.156655
18	.215900	.411173	.976018	1.000000	.950974	2.219818
19	.228600	.425156	.984846	1.000000	.968316	2.260227
20	.241300	.440610	.994154	1.000000	.987477	2.304052
21	.254000	.448706	.998853	1.000000	.997512	2.326674
22	.266700	.456065	1.003024	1.000000	1.006633	2.347047
23	.279400	.461217	1.005888	1.000000	1.013017	2.361202
24	.292100	.462688	1.006699	1.000000	1.014841	2.365231
25	.304800	.463204	1.006982	1.000000	1.015479	2.366639
26	.317500	.459009	1.004666	1.000000	1.010281	2.355146
27	.330200	.453121	1.001367	1.000000	1.002984	2.338919
28	.342900	.448117	.998515	1.000000	.996782	2.325036
29	.355600	.445394	.996945	1.000000	.993407	2.317447
30	.368300	.444658	.996518	1.000000	.992494	2.315391
31	.381000	.444658	.996518	1.000000	.992494	2.315391
32	.393700	.445541	.997030	1.000000	.993589	2.317858
33	.406400	.446056	.997328	1.000000	.994228	2.319295
34	.419100	.446498	.997583	1.000000	.994775	2.320527
35	.431800	.447087	.997922	1.000000	.995505	2.322167
36	.444500	.447823	.998346	1.000000	.996417	2.324217
37	.457200	.448338	.998642	1.000000	.997055	2.325651
38	.469900	.448853	.998937	1.000000	.997694	2.327083
39	.482600	.449662	.999400	1.000000	.998697	2.329333
40	.495300	.451208	1.000281	1.000000	1.000613	2.333621
41	.508000	.452606	1.001075	1.000000	1.002346	2.337494
42	.533400	.455108	1.002487	1.000000	1.005447	2.344409
43	.558800	.455844	1.002900	1.000000	1.006359	2.346439

STATION X= 6.44 CM PTO= 23.523 N/SQ CM TTO=299.22K
R= 2.591 CM PWALL= 1.4618 N/SQ CM CF= .00149 PI =1.662
UE= 567.7 M/SEC RHOE=.01141 KG/CUB M RE= 21.802E6 /M
DELTA= .275 CM DELTA*= .0959 CM THETA= .0214 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.062142	.000000	1.000000	.463541	.000000
2	.012700	.110545	.531844	1.000000	.546462	.945745
3	.025400	.126368	.583293	1.000000	.567036	1.056578
4	.038100	.140645	.622307	1.000000	.585096	1.145058
5	.050800	.156909	.660710	1.000000	.605291	1.236524
6	.063500	.173467	.694496	1.000000	.625348	1.321112
7	.076200	.193338	.729831	1.000000	.648987	1.414327
8	.088900	.213208	.761284	1.000000	.672682	1.501968
9	.101600	.235286	.792021	1.000000	.698650	1.592486
10	.114300	.254420	.815937	1.000000	.721071	1.666692
11	.127000	.275026	.839572	1.000000	.745410	1.743674
12	.139700	.295632	.860886	1.000000	.769469	1.816564
13	.152400	.316974	.881075	1.000000	.794346	1.888979
14	.165100	.339788	.900824	1.000000	.820903	1.963340
15	.177800	.361866	.918371	1.000000	.846577	2.032641
16	.190500	.383208	.934226	1.000000	.871661	2.098143
17	.203200	.405286	.949273	1.000000	.897315	2.163081
18	.215900	.426628	.962809	1.000000	.922099	2.224018
19	.228600	.444290	.973336	1.000000	.942602	2.273194
20	.241300	.462688	.983710	1.000000	.963951	2.323294
21	.254000	.477407	.991609	1.000000	.981026	2.362598
22	.266700	.487710	.996939	1.000000	.992976	2.389721
23	.279400	.495805	1.001018	1.000000	1.002364	2.410816
24	.292100	.498749	1.002478	1.000000	1.005777	2.418440
25	.304800	.499853	1.003023	1.000000	1.007057	2.421293
26	.317500	.499338	1.002769	1.000000	1.006460	2.419962
27	.330200	.496541	1.001384	1.000000	1.003217	2.412724
28	.342900	.491758	.998990	1.000000	.997670	2.400292
29	.355600	.487121	.996639	1.000000	.992293	2.388180
30	.368300	.483662	.994864	1.000000	.988281	2.379103
31	.381000	.480351	.993148	1.000000	.984440	2.370380
32	.393700	.475935	.990834	1.000000	.979318	2.358698
33	.406400	.468208	.986712	1.000000	.970354	2.338111
34	.419100	.460481	.982496	1.000000	.961389	2.317340
35	.431800	.455697	.979836	1.000000	.955839	2.304386
36	.444500	.452753	.978180	1.000000	.952423	2.296377
37	.457200	.452017	.977764	1.000000	.951569	2.294371
38	.469900	.452017	.977764	1.000000	.951569	2.294371
39	.482600	.452974	.978305	1.000000	.952679	2.296979
40	.495300	.453489	.978596	1.000000	.953277	2.298382
41	.508000	.454446	.979134	1.000000	.954387	2.300986
42	.533400	.455697	.979836	1.000000	.955839	2.304386
43	.558800	.456065	.980042	1.000000	.956266	2.305385

ID NO. 22310-022

STATION X= 6.70 CM PTO= 23.523 N/SQ CM TTO=299.22K
R= 2.591 CM PWALL= 1.5407 N/SQ CM CF= .00146 PI =1.777
UE= 563.3 M/SEC RHOE=.01181 KG/CUB M RE= 22.038E6 /M
DELTA= .260 CM DELTA*= .0919 CM THETA= .0208 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.065496	.000000	1.000000	.471748	.000000
2	.012700	.114593	.528792	1.000000	.553507	.930888
3	.025400	.131519	.584803	1.000000	.575765	1.049986
4	.038100	.145502	.620650	1.000000	.592266	1.130202
5	.050800	.161692	.657811	1.000000	.611534	1.217201
6	.063500	.177883	.690414	1.000000	.630513	1.297202
7	.076200	.197017	.724506	1.000000	.652743	1.385045
8	.088900	.217623	.756953	1.000000	.676513	1.473187
9	.101600	.236757	.783671	1.000000	.698287	1.549536
10	.114300	.258099	.810530	1.000000	.722476	1.630164
11	.127000	.280177	.835829	1.000000	.747669	1.710105
12	.139700	.325069	.879959	1.000000	.798274	1.860327
13	.152400	.344203	.896491	1.000000	.819795	1.920655
14	.165100	.369225	.916412	1.000000	.847906	1.996713
15	.177800	.391303	.932586	1.000000	.872686	2.061432
16	.190500	.413381	.947779	1.000000	.897749	2.124885
17	.203200	.433987	.960862	1.000000	.920864	2.181772
18	.215900	.453121	.972283	1.000000	.942317	2.233274
19	.228600	.472256	.983068	1.000000	.963763	2.283596
20	.241300	.486238	.990578	1.000000	.979430	2.319669
21	.254000	.499485	.997423	1.000000	.994269	2.353326
22	.266700	.509052	1.002212	1.000000	1.004984	2.377333
23	.279400	.514204	1.004739	1.000000	1.010753	2.390159
24	.292100	.516411	1.005812	1.000000	1.013226	2.395634
25	.304800	.519208	1.007161	1.000000	1.016357	2.402552
26	.317500	.519208	1.007161	1.000000	1.016357	2.402552
27	.330200	.518398	1.006771	1.000000	1.015451	2.400551
28	.342900	.517883	1.006523	1.000000	1.014874	2.399278
29	.355600	.517883	1.006523	1.000000	1.014874	2.399278
30	.368300	.516043	1.005633	1.000000	1.012814	2.394723
31	.381000	.514424	1.004847	1.000000	1.011001	2.390707
32	.393700	.512364	1.003841	1.000000	1.008693	2.385586
33	.406400	.510009	1.002684	1.000000	1.006056	2.379720
34	.419100	.505961	1.000679	1.000000	1.001523	2.369604
35	.431800	.499853	.997609	1.000000	.994681	2.354254
36	.444500	.492862	.994032	1.000000	.986850	2.336559
37	.457200	.486974	.990965	1.000000	.980254	2.321552
38	.469900	.481823	.988239	1.000000	.974483	2.308339
39	.482600	.473727	.983873	1.000000	.965412	2.287421
40	.495300	.465632	.979403	1.000000	.956340	2.266306
41	.508000	.459745	.976085	1.000000	.949742	2.250823
42	.533400	.503165	.999280	1.000000	.998390	2.362589
43	.558800	.523403	1.009165	1.000000	1.021055	2.412890

STATION X= 6.95 CM PTO= 23.523 N/SQ CM TTO=299.22K
R= 2.591 CM PWALL= 1.5510 N/SQ CM CF= .00148 PI =1.667
UE= 566.0 M/SEC RHOE=.01202 KG/CUB M RE= 22.759E6 /M
DELTA= .283 CM DELTA*= .0976 CM THETA= .0220 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.065933	.000000	1.000000	.466722	.000000
2	.012700	.119008	.539582	1.000000	.552506	.958646
3	.025400	.135199	.587978	1.000000	.572219	1.063101
4	.038100	.149550	.624913	1.000000	.589485	1.146800
5	.050800	.164636	.658897	1.000000	.607332	1.227335
6	.063500	.182299	.693399	1.000000	.627653	1.313032
7	.076200	.197753	.720132	1.000000	.645136	1.382516
8	.088900	.217623	.751257	1.000000	.667677	1.467250
9	.101600	.236757	.777888	1.000000	.689084	1.543423
10	.114300	.258835	.805533	1.000000	.713681	1.626551
11	.127000	.282385	.832240	1.000000	.740078	1.711275
12	.139700	.302255	.852535	1.000000	.762114	1.778912
13	.152400	.328013	.876487	1.000000	.790625	1.862786
14	.165100	.353035	.897573	1.000000	.818278	1.940675
15	.177800	.372169	.912443	1.000000	.839401	1.998127
16	.190500	.397191	.930453	1.000000	.867000	2.070791
17	.203200	.422212	.947202	1.000000	.894879	2.141692
18	.215900	.442818	.959896	1.000000	.917593	2.197766
19	.228600	.459009	.969324	1.000000	.935432	2.240823
20	.241300	.478143	.979900	1.000000	.956507	2.290647
21	.254000	.493598	.988027	1.000000	.973524	2.330100
22	.266700	.506844	.994719	1.000000	.988107	2.363386
23	.279400	.516043	.999225	1.000000	.998232	2.386224
24	.292100	.520827	1.001524	1.000000	1.003497	2.398013
25	.304800	.524507	1.003272	1.000000	1.007546	2.407041
26	.317500	.525611	1.003793	1.000000	1.008761	2.409743
27	.330200	.526126	1.004036	1.000000	1.009328	2.411003
28	.342900	.526126	1.004036	1.000000	1.009328	2.411003
29	.355600	.526567	1.004244	1.000000	1.009814	2.412082
30	.368300	.542169	1.011431	1.000000	1.026981	2.449909
31	.381000	.592212	1.032641	1.000000	1.082026	2.567440
32	.393700	.598468	1.035112	1.000000	1.088905	2.581752
33	.406400	.598100	1.034967	1.000000	1.088500	2.580912
34	.419100	.598100	1.034967	1.000000	1.088500	2.580912
35	.431800	.598100	1.034967	1.000000	1.088500	2.580912
36	.444500	.596628	1.034389	1.000000	1.086882	2.577551
37	.457200	.595156	1.033808	1.000000	1.085263	2.574185
38	.469900	.595156	1.033808	1.000000	1.085263	2.574185
39	.482600	.593316	1.033079	1.000000	1.083240	2.569972
40	.495300	.590005	1.031760	1.000000	1.079598	2.562370
41	.508000	.585957	1.030132	1.000000	1.075147	2.553048
42	.533400	.570870	1.023920	1.000000	1.058554	2.517995
43	.558800	.551000	1.015372	1.000000	1.036697	2.471060

STATION X= 7.21 CM PTO= 23.523 N/SQ CM TTO=299.22K
R= 2.591 CM PWALL= 1.7362 N/SQ CM CF= .00124 PI =2.034
UE= 572.2 M/SEC RHOE=.01381 KG/CUB M RE= 27.071E6 /M
DELTA= .318 CM DELTA*= .1155 CM THETA= .0249 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.073806	.000000	1.000000	.454925	.000000
2	.012700	.122835	.498493	1.000000	.526198	.885068
3	.025400	.139615	.552695	1.000000	.545804	.999418
4	.038100	.153597	.587208	1.000000	.560217	1.075754
5	.050800	.168316	.620308	1.000000	.575662	1.151951
6	.063500	.184506	.652113	1.000000	.592192	1.228280
7	.076200	.199225	.677653	1.000000	.606814	1.292047
8	.088900	.220567	.711131	1.000000	.628045	1.379393
9	.101600	.237493	.735041	1.000000	.644823	1.444690
10	.114300	.258835	.762082	1.000000	.665643	1.521827
11	.127000	.282385	.788935	1.000000	.688514	1.602288
12	.139700	.303727	.811007	1.000000	.709173	1.671643
13	.152400	.329485	.835463	1.000000	.734297	1.752292
14	.165100	.350091	.853205	1.000000	.754176	1.813562
15	.177800	.376584	.874173	1.000000	.779695	1.889308
16	.190500	.392775	.886084	1.000000	.795273	1.934088
17	.203200	.420740	.905240	1.000000	.822154	2.009016
18	.215900	.442818	.919229	1.000000	.843357	2.066201
19	.228600	.463424	.931655	1.000000	.863423	2.118897
20	.241300	.492126	.947561	1.000000	.890975	2.189187
21	.254000	.543641	.973187	1.000000	.940388	2.309898
22	.266700	.581909	.990158	1.000000	.977069	2.395577
23	.279400	.592948	.994767	1.000000	.987647	2.419721
24	.292100	.599572	.997475	1.000000	.993994	2.434091
25	.304800	.604355	.999405	1.000000	.998577	2.444417
26	.317500	.605827	.999994	1.000000	.999987	2.447585
27	.330200	.606563	1.000288	1.000000	1.000692	2.449167
28	.342900	.607667	1.000728	1.000000	1.001749	2.451539
29	.355600	.607667	1.000728	1.000000	1.001749	2.451539
30	.368300	.607667	1.000728	1.000000	1.001749	2.451539
31	.381000	.608035	1.000875	1.000000	1.002102	2.452329
32	.393700	.608771	1.001167	1.000000	1.002807	2.453908
33	.406400	.609139	1.001313	1.000000	1.003159	2.454698
34	.419100	.609875	1.001605	1.000000	1.003864	2.456276
35	.431800	.609139	1.001313	1.000000	1.003159	2.454698
36	.444500	.608771	1.001167	1.000000	1.002807	2.453908
37	.457200	.608403	1.001021	1.000000	1.002454	2.453119
38	.469900	.608403	1.001021	1.000000	1.002454	2.453119
39	.482600	.608256	1.000963	1.000000	1.002313	2.452803
40	.495300	.607667	1.000728	1.000000	1.001749	2.451539
41	.508000	.606563	1.000288	1.000000	1.000692	2.449167
42	.533400	.604723	.999553	1.000000	.998929	2.445209
43	.558800	.600234	.997744	1.000000	.994628	2.435524

ID NO. 22310-025

STATION X= 7.46 CM PTO= 23.523 N/SQ CM TTO=299.22K
R= 2.591 CM PWALL= 2.3806 N/SQ CM CF= .00088 PI =3.818
UE= 523.1 M/SEC RHOE=.01581 KG/CUB M RE= 24.002E6 /M
DELTA= .246 CM DELTA*= .1013 CM THETA= .0242 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.101201	.000000	1.000000	.544537	.000000
2	.012700	.120112	.323857	1.000000	.571855	.500834
3	.025400	.135567	.419462	1.000000	.591977	.659998
4	.038100	.151389	.488521	1.000000	.610945	.780877
5	.050800	.166844	.540605	1.000000	.628151	.876213
6	.063500	.182299	.582943	1.000000	.644252	.956868
7	.076200	.200697	.626566	1.000000	.663105	1.043412
8	.088900	.221303	.662123	1.000000	.680397	1.116909
9	.101600	.241909	.696502	1.000000	.698977	1.190835
10	.114300	.270610	.737925	1.000000	.724133	1.284161
11	.127000	.304463	.780303	1.000000	.753496	1.385164
12	.139700	.330221	.808940	1.000000	.775747	1.457049
13	.152400	.370697	.848441	1.000000	.810161	1.561727
14	.165100	.411173	.883002	1.000000	.844402	1.659335
15	.177800	.455329	.916483	1.000000	.881930	1.760109
16	.190500	.484766	.936482	1.000000	.906715	1.823612
17	.203200	.517883	.957226	1.000000	.934558	1.892411
18	.215900	.547321	.974294	1.000000	.959279	1.951462
19	.228600	.576022	.989833	1.000000	.983360	2.007317
20	.241300	.591476	.997789	1.000000	.996319	2.036741
21	.254000	.602515	1.003308	1.000000	1.005573	2.057495
22	.266700	.610611	1.007271	1.000000	1.012358	2.072579
23	.279400	.613554	1.008695	1.000000	1.014825	2.078036
24	.292100	.615026	1.009403	1.000000	1.016058	2.080759
25	.304800	.616351	1.010039	1.000000	1.017168	2.083207
26	.317500	.617528	1.010603	1.000000	1.018155	2.085380
27	.330200	.617528	1.010603	1.000000	1.018155	2.085380
28	.342900	.617528	1.010603	1.000000	1.018155	2.085380
29	.355600	.617087	1.010392	1.000000	1.017785	2.084565
30	.368300	.616866	1.010286	1.000000	1.017600	2.084158
31	.381000	.616130	1.009933	1.000000	1.016983	2.082799
32	.393700	.615394	1.009580	1.000000	1.016366	2.081439
33	.406400	.615394	1.009580	1.000000	1.016366	2.081439
34	.419100	.615026	1.009403	1.000000	1.016058	2.080759
35	.431800	.615026	1.009403	1.000000	1.016058	2.080759
36	.444500	.615321	1.009545	1.000000	1.016305	2.081303
37	.457200	.615468	1.009615	1.000000	1.016428	2.081575
38	.469900	.615468	1.009615	1.000000	1.016428	2.081575
39	.482600	.615394	1.009580	1.000000	1.016366	2.081439
40	.495300	.615026	1.009403	1.000000	1.016058	2.080759
41	.508000	.614879	1.009333	1.000000	1.015935	2.080487
42	.533400	.613922	1.008872	1.000000	1.015133	2.078717
43	.558800	.615026	1.009403	1.000000	1.016058	2.080759

ID NO. 22310-026

STATION X= 7.71 CM PTO= 23.523 N/SQ CM TTO=299.22K
R= 2.591 CM PWALL= 2.5284 N/SQ CM CF= .00103 PI[illegible]=3.235
UE= 518.4 M/SEC RHOE=.01655 KG/CUB M RE= 24.560E6 /M
DELTA= .239 CM DELTA*= .0943 CM THETA= .0236 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.107484	.000000	1.000000	.552674	.000000
2	.012700	.131151	.351514	1.000000	.585009	.540862
3	.025400	.148078	.442213	1.000000	.605654	.692319
4	.038100	.169052	.520881	1.000000	.629016	.831060
5	.050800	.188922	.576804	1.000000	.649308	.935010
6	.063500	.210264	.626856	1.000000	.670538	1.032624
7	.076200	.234550	.667322	1.000000	.690155	1.115248
8	.088900	.263987	.712924	1.000000	.715304	1.212974
9	.101600	.288273	.745695	1.000000	.735663	1.286659
10	.114300	.315502	.778598	1.000000	.758309	1.363953
11	.127000	.344203	.809699	1.000000	.782019	1.440440
12	.139700	.374377	.838884	1.000000	.806582	1.515615
13	.152400	.401974	.863174	1.000000	.828956	1.580981
14	.165100	.436931	.891169	1.000000	.857203	1.659834
15	.177800	.470784	.916031	1.000000	.884784	1.733372
16	.190500	.517883	.946826	1.000000	.922689	1.829619
17	.203200	.538489	.959211	1.000000	.939247	1.870108
18	.215900	.565719	.974682	1.000000	.961108	1.922259
19	.228600	.594420	.989989	1.000000	.984131	1.975693
20	.241300	.617234	1.001489	1.000000	1.002418	2.017128
21	.254000	.632689	1.008970	1.000000	1.014801	2.044708
22	.266700	.645935	1.015194	1.000000	1.025411	2.068048
23	.279400	.655502	1.019585	1.000000	1.033073	2.084738
24	.292100	.659182	1.021251	1.000000	1.036019	2.091121
25	.304800	.656974	1.020253	1.000000	1.034251	2.087294
26	.317500	.651087	1.017569	1.000000	1.029537	2.077052
27	.330200	.645199	1.014852	1.000000	1.024822	2.066758
28	.342900	.637840	1.011410	1.000000	1.018928	2.053817
29	.355600	.631953	1.008619	1.000000	1.014211	2.043403
30	.368300	.628273	1.006857	1.000000	1.011264	2.036867
31	.381000	.627169	1.006326	1.000000	1.010379	2.034902
32	.393700	.626433	1.005971	1.000000	1.009790	2.033591
33	.406400	.626801	1.006149	1.000000	1.010084	2.034247
34	.419100	.626801	1.006149	1.000000	1.010084	2.034247
35	.431800	.627537	1.006503	1.000000	1.010674	2.035557
36	.444500	.627905	1.006680	1.000000	1.010969	2.036212
37	.457200	.627905	1.006680	1.000000	1.010969	2.036212
38	.469900	.627169	1.006326	1.000000	1.010379	2.034902
39	.482600	.626433	1.005971	1.000000	1.009790	2.033591
40	.495300	.626065	1.005793	1.000000	1.009495	2.032935
41	.508000	.625329	1.005438	1.000000	1.008905	2.031623
42	.533400	.624961	1.005260	1.000000	1.008610	2.030966
43	.558800	.623857	1.004725	1.000000	1.007726	2.028995

ID NO. 22310-027

STATION X= 7.97 CM PTO= 23.523 N/SQ CM TTO=299.22K
R= 2.591 CM PWALL= 2.7300 N/SQ CM CF= .00092 PI =3.660
UE= 518.2 M/SEC RHOE=.01786 KG/CUB M RE= 26.482E6 /M
DELTA= .230 CM DELTA*= .0924 CM THETA= .0227 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.116057	.000000	1.000000	.552982	.000000
2	.012700	.152493	.409733	1.000000	.597848	.636924
3	.025400	.160221	.443732	1.000000	.606351	.694665
4	.038100	.171260	.485148	1.000000	.618005	.766766
5	.050800	.189658	.541188	1.000000	.636288	.867895
6	.063500	.208792	.587834	1.000000	.654004	.955734
7	.076200	.233814	.635967	1.000000	.675025	1.050477
8	.088900	.263987	.683993	1.000000	.699212	1.149868
9	.101600	.297104	.728883	1.000000	.725210	1.247905
10	.114300	.333900	.771685	1.000000	.753585	1.346784
11	.127000	.370697	.809072	1.000000	.781729	1.438160
12	.139700	.414853	.848074	1.000000	.815016	1.539248
13	.152400	.459009	.882318	1.000000	.848128	1.633609
14	.165100	.501693	.912042	1.000000	.880319	1.720390
15	.177800	.554680	.944566	1.000000	.919845	1.821300
16	.190500	.590005	.964152	1.000000	.946146	1.885457
17	.203200	.622386	.980837	1.000000	.970229	1.942344
18	.215900	.648511	.993506	1.000000	.989644	1.987019
19	.228600	.662126	.999849	1.000000	.999756	2.009896
20	.241300	.658446	.998152	1.000000	.997024	2.003740
21	.254000	.642992	.990885	1.000000	.985543	1.977667
22	.266700	.625329	.982299	1.000000	.972417	1.947430
23	.279400	.617234	.978258	1.000000	.966399	1.933409
24	.292100	.618706	.978998	1.000000	.967494	1.935966
25	.304800	.621650	.980471	1.000000	.969682	1.941070
26	.317500	.627537	.983389	1.000000	.974058	1.951236
27	.330200	.635632	.987345	1.000000	.980075	1.965127
28	.342900	.642992	.990885	1.000000	.985543	1.977667
29	.355600	.648879	.993680	1.000000	.989917	1.987641
30	.368300	.654767	.996442	1.000000	.994290	1.997564
31	.381000	.660654	.999172	1.000000	.998663	2.007436
32	.393700	.665806	1.001534	1.000000	1.002489	2.016033
33	.406400	.668013	1.002540	1.000000	1.004128	2.019706
34	.419100	.668013	1.002540	1.000000	1.004128	2.019706
35	.431800	.661390	.999511	1.000000	.999210	2.008666
36	.444500	.654031	.996098	1.000000	.993744	1.996326
37	.457200	.647407	.992984	1.000000	.988824	1.985152
38	.469900	.640416	.989652	1.000000	.983629	1.973287
39	.482600	.636736	.987880	1.000000	.980895	1.967013
40	.495300	.634160	.986631	1.000000	.978981	1.962609
41	.508000	.633425	.986273	1.000000	.978434	1.961349
42	.533400	.633057	.986094	1.000000	.978161	1.960718
43	.558800	.633057	.986094	1.000000	.978161	1.960718

ID NO. 22310-028

STATION X= 8.22 CM PTO= 23.523 N/SQ CM TTO=299.22K
R= 2.591 CM PWALL= 2.9193 N/SQ CM CF= .00096 PI [illegible]=3.453
UE= 517.0 M/SEC RHOE=.01902 KG/CUB M RE= 28.048E6 /M
DELTA= .245 CM DELTA*= .0956 CM THETA= .0239 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.124105	.000000	1.000000	.555089	.000000
2	.012700	.168684	.434386	1.000000	.605959	.676921
3	.025400	.177515	.467432	1.000000	.614859	.733747
4	.038100	.188922	.504261	1.000000	.625898	.798634
5	.050800	.202169	.540837	1.000000	.638135	.864894
6	.063500	.218359	.578852	1.000000	.652336	.935930
7	.076200	.241173	.625418	1.000000	.672041	1.026382
8	.088900	.267667	.664323	1.000000	.690710	1.105268
9	.101600	.297104	.705276	1.000000	.712845	1.192057
10	.114300	.336844	.752068	1.000000	.741745	1.296657
11	.127000	.376584	.792550	1.000000	.770384	1.392582
12	.139700	.422212	.833015	1.000000	.802998	1.494344
13	.152400	.466368	.867145	1.000000	.834152	1.585459
14	.165100	.507580	.895617	1.000000	.863113	1.665700
15	.177800	.562039	.929411	1.000000	.901581	1.766652
16	.190500	.600308	.950642	1.000000	.928359	1.833647
17	.203200	.637840	.969868	1.000000	.954586	1.896970
18	.215900	.666541	.983622	1.000000	.974621	1.943957
19	.228600	.687148	.993035	1.000000	.988997	1.976982
20	.241300	.700394	.998896	1.000000	.998234	1.997915
21	.254000	.707754	1.002090	1.000000	1.003365	2.009448
22	.266700	.710697	1.003356	1.000000	1.005417	2.014043
23	.279400	.711801	1.003828	1.000000	1.006187	2.015763
24	.292100	.711801	1.003828	1.000000	1.006187	2.015763
25	.304800	.711801	1.003828	1.000000	1.006187	2.015763
26	.317500	.710229	1.003198	1.000000	1.005161	2.013469
27	.330200	.705546	1.001136	1.000000	1.001826	2.005996
28	.342900	.694507	.996309	1.000000	.994129	1.988639
29	.355600	.674269	.987195	1.000000	.980013	1.956408
30	.368300	.646671	.974183	1.000000	.960752	1.911555
31	.381000	.633793	.967864	1.000000	.951759	1.890247
32	.393700	.630481	.966213	1.000000	.949446	1.884728
33	.406400	.633425	.967682	1.000000	.951502	1.889635
34	.419100	.639312	.970592	1.000000	.955613	1.899409
35	.431800	.643728	.972753	1.000000	.958697	1.906706
36	.444500	.648679	.975250	1.000000	.962293	1.915183
37	.457200	.654767	.978073	1.000000	.966403	1.924824
38	.469900	.661390	.981210	1.000000	.971026	1.935610
39	.482600	.666541	.983622	1.000000	.974621	1.943957
40	.495300	.669485	.984989	1.000000	.976675	1.948710
41	.508000	.673165	.986688	1.000000	.979243	1.954635
42	.533400	.671693	.986010	1.000000	.978216	1.952267
43	.558800	.655502	.978423	1.000000	.966917	1.926025

ID NO. 22310-029

STATION X= 8.48 CM PTO= 23.523 N/SQ CM TTO=299.22K

R= 2.591 CM PWALL= 3.0895 N/SQ CM CF= .00105 PI =3.119

UE= 511.7 M/SEC RHOE=.01981 KG/CUB M RE= 28.490E6 /M

DELTA= .250 CM DELTA*= .0936 CM THETA= .0243 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.131336	.000000	1.000000	.564153	.000000
2	.012700	.181563	.450293	1.000000	.618843	.696208
3	.025400	.196281	.498830	1.000000	.632780	.779888
4	.038100	.207320	.529680	1.000000	.642750	.834618
5	.050800	.219831	.560352	1.000000	.653601	.890370
6	.063500	.237493	.597698	1.000000	.668193	.960254
7	.076200	.256628	.634239	1.000000	.684090	1.031011
8	.088900	.282385	.670017	1.000000	.701388	1.102854
9	.101600	.311822	.709425	1.000000	.722675	1.185308
10	.114300	.348619	.751629	1.000000	.748442	1.278015
11	.127000	.392775	.795520	1.000000	.779031	1.380008
12	.139700	.429572	.827782	1.000000	.804385	1.459154
13	.152400	.473727	.862001	1.000000	.834366	1.547530
14	.165100	.525243	.897317	1.000000	.869177	1.644194
15	.177800	.572342	.926334	1.000000	.901200	1.728350
16	.190500	.616498	.950745	1.000000	.930899	1.802888
17	.203200	.653295	.969469	1.000000	.955608	1.862633
18	.215900	.681996	.983169	1.000000	.974862	1.907889
19	.228600	.703338	.992888	1.000000	.989169	1.940835
20	.241300	.714745	.997928	1.000000	.996812	1.958210
21	.254000	.721000	1.000648	1.000000	1.001003	1.967671
22	.266700	.725048	1.002392	1.000000	1.003715	1.973768
23	.279400	.726152	1.002866	1.000000	1.004454	1.975427
24	.292100	.726888	1.003181	1.000000	1.004947	1.976533
25	.304800	.727624	1.003495	1.000000	1.005440	1.977638
26	.317500	.727624	1.003495	1.000000	1.005440	1.977638
27	.330200	.726152	1.002866	1.000000	1.004454	1.975427
28	.342900	.724680	1.002234	1.000000	1.003468	1.973215
29	.355600	.723429	1.001696	1.000000	1.002630	1.971332
30	.368300	.722840	1.001443	1.000000	1.002236	1.970445
31	.381000	.722472	1.001284	1.000000	1.001989	1.969890
32	.393700	.722472	1.001284	1.000000	1.001989	1.969890
33	.406400	.719896	1.000171	1.000000	1.000264	1.966005
34	.419100	.717689	.999212	1.000000	.998785	1.962668
35	.431800	.714009	.997606	1.000000	.996319	1.957094
36	.444500	.707018	.994525	1.000000	.991634	1.946457
37	.457200	.691563	.987574	1.000000	.981276	1.922730
38	.469900	.669485	.977290	1.000000	.966471	1.888300
39	.482600	.638576	.962143	1.000000	.945728	1.838977
40	.495300	.622386	.953835	1.000000	.934854	1.812585
41	.508000	.615762	.950357	1.000000	.930404	1.801672
42	.533400	.607667	.946042	1.000000	.924964	1.788240
43	.558800	.598100	.940848	1.000000	.918531	1.772229

STATION X= 8.73 CM PTO= 23.523 N/SQ CM TTO=299.22K

R= 2.591 CM PWALL= 3.2143 N/SQ CM CF= .00110 PI =2.917

UE= 507.3 M/SEC RHOE=.02034 KG/CUB M RE= 28.674E6 /M

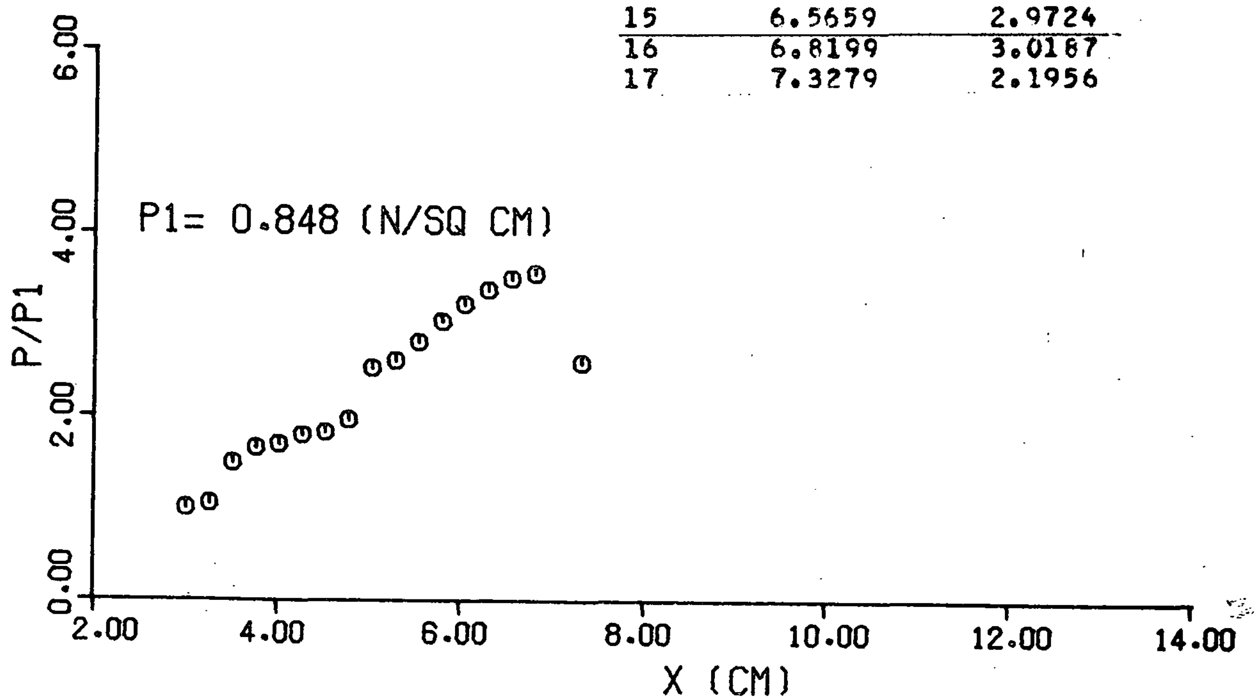
DELTA= .262 CM DELTA*= .0949 CM THETA= .0254 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.136643	.000000	1.000000	.571534	.000000
2	.012700	.194073	.471828	1.000000	.631799	.726098
3	.025400	.205112	.505698	1.000000	.641864	.784395
4	.038100	.218727	.541795	1.000000	.653759	.848137
5	.050800	.230870	.569910	1.000000	.663929	.899061
6	.063500	.248532	.605534	1.000000	.678062	.965373
7	.076200	.263987	.635153	1.000000	.690969	1.022185
8	.088900	.289745	.670075	1.000000	.707678	1.091349
9	.101600	.315502	.704426	1.000000	.725861	1.161942
10	.114300	.347147	.741620	1.000000	.747745	1.241596
11	.127000	.385416	.780935	1.000000	.773707	1.329919
12	.139700	.425156	.816670	1.000000	.800205	1.414391
13	.152400	.468576	.851656	1.000000	.829240	1.501504
14	.165100	.517883	.886577	1.000000	.861759	1.593425
15	.177800	.562039	.914566	1.000000	.890770	1.671166
16	.190500	.598836	.936162	1.000000	.915198	1.733927
17	.203200	.639312	.957824	1.000000	.941705	1.799556
18	.215900	.671693	.973950	1.000000	.962882	1.850315
19	.228600	.700394	.987443	1.000000	.981634	1.894127
20	.241300	.715113	.994092	1.000000	.991245	1.916193
21	.254000	.725416	.998643	1.000000	.997971	1.931485
22	.266700	.729832	1.000568	1.000000	1.000852	1.938000
23	.279400	.732775	1.001843	1.000000	1.002773	1.942331
24	.292100	.732775	1.001843	1.000000	1.002773	1.942331
25	.304800	.731671	1.001366	1.000000	1.002053	1.940708
26	.317500	.730200	1.000728	1.000000	1.001093	1.938542
27	.330200	.727477	.999543	1.000000	.999315	1.934528
28	.342900	.722104	.997189	1.000000	.995809	1.926583
29	.355600	.717321	.995074	1.000000	.992686	1.919480
30	.368300	.711065	.992281	1.000000	.988603	1.910151
31	.381000	.705178	.989623	1.000000	.984758	1.901327
32	.393700	.698922	.986768	1.000000	.980673	1.891906
33	.406400	.691563	.983367	1.000000	.975866	1.880759
34	.419100	.684204	.979920	1.000000	.971058	1.869543
35	.431800	.677212	.976601	1.000000	.966489	1.858823
36	.444500	.670221	.973239	1.000000	.961920	1.848039
37	.457200	.662126	.969290	1.000000	.956628	1.835470
38	.469900	.652559	.964543	1.000000	.950371	1.820499
39	.482600	.644464	.960457	1.000000	.945076	1.807730
40	.495300	.634528	.955354	1.000000	.938575	1.791931
41	.508000	.626433	.951122	1.000000	.933276	1.778948
42	.533400	.605091	.939627	1.000000	.919297	1.744238
43	.558800	.582645	.926981	1.000000	.904581	1.706934

ID NO. 22310-031

PTO= 23.4727 N/SQ CM
TTO= 298.6667 K
PBAR= 760.7000 MMHG
TMAN= 299.7778 K

I	X(CM)	P(N/SQ CM)
1	3.0099	.8479
2	3.2639	.8924
3	3.5179	1.2697
4	3.7719	1.4068
5	4.0259	1.4411
6	4.2799	1.5269
7	4.5339	1.5509
8	4.7879	1.6641
9	5.0419	2.1442
10	5.2959	2.2128
11	5.5499	2.3842
12	5.8039	2.5728
13	6.0579	2.7306
14	6.3119	2.8643
15	6.5659	2.9724
16	6.8199	3.0187
17	7.3279	2.1956



ID NO. 22310 -031

STATION X= 5.55 CM PTO= 23.548 N/SQ CM TTO=298.11K
R= 2.591 CM PWALL= .6479 N/SQ CM CF= .00162 PI = .858
UE= 621.7 M/SEC RHOE=.00869 KG/CUB M RE= 23.758E6 /M
DELTA= .387 CM DELTA*= .1218 CM THETA= .0211 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.036007	.000000	1.000000	.354124	.000000
2	.012700	.090743	.601557	1.000000	.462136	1.234933
3	.025400	.114268	.671201	1.000000	.499451	1.432457
4	.038100	.132500	.713779	1.000000	.527803	1.565963
5	.050800	.146100	.741134	1.000000	.548831	1.658051
6	.063500	.157495	.761964	1.000000	.566588	1.732007
7	.076200	.168522	.780222	1.000000	.583568	1.799892
8	.088900	.178815	.795960	1.000000	.599393	1.860926
9	.101600	.188004	.809071	1.000000	.613507	1.913719
10	.114300	.198664	.823287	1.000000	.629863	1.973134
11	.127000	.210426	.837872	1.000000	.647895	2.036629
12	.139700	.222556	.851994	1.000000	.666696	2.100791
13	.152400	.233216	.863457	1.000000	.683027	2.154973
14	.165100	.244979	.875318	1.000000	.701039	2.213191
15	.177800	.256006	.885759	1.000000	.717917	2.266390
16	.190500	.267769	.896239	1.000000	.735913	2.321771
17	.203200	.280266	.906701	1.000000	.755027	2.379181
18	.215900	.294234	.917650	1.000000	.776383	2.441727
19	.228600	.317024	.934025	1.000000	.811214	2.540435
20	.241300	.344225	.951492	1.000000	.852767	2.652399
21	.254000	.363339	.962715	1.000000	.882246	2.730703
22	.266700	.376572	.969919	1.000000	.902463	2.782481
23	.279400	.390540	.977126	1.000000	.923801	2.836102
24	.292100	.400832	.982195	1.000000	.939522	2.874968
25	.304800	.410021	.986558	1.000000	.953557	2.909229
26	.317500	.416270	.989441	1.000000	.963101	2.932296
27	.330200	.422152	.992096	1.000000	.972082	2.953841
28	.342900	.427886	.994630	1.000000	.980839	2.974696
29	.355600	.432444	.996608	1.000000	.987799	2.991169
30	.368300	.436855	.998492	1.000000	.994535	3.007024
31	.381000	.439428	.999578	1.000000	.998464	3.016234
32	.393700	.441266	1.000348	1.000000	1.001270	3.022795
33	.406400	.442368	1.000807	1.000000	1.002954	3.026725
34	.419100	.443324	1.001204	1.000000	1.004413	3.030127
35	.431800	.444206	1.001569	1.000000	1.005760	3.033264
36	.444500	.445677	1.002175	1.000000	1.008005	3.038484
37	.457200	.447514	1.002928	1.000000	1.010812	3.044997
38	.469900	.448617	1.003378	1.000000	1.012495	3.048899
39	.482600	.450235	1.004034	1.000000	1.014965	3.054611
40	.495300	.451558	1.004568	1.000000	1.016985	3.059277
41	.508000	.452293	1.004864	1.000000	1.018108	3.061866
42	.533400	.453028	1.005159	1.000000	1.019230	3.064453
43	.558800	.452587	1.004982	1.000000	1.018557	3.062901

ID NO. 2231C-033

STATION X= 5.80 CM PTO= 23.548 N/SQ CM TTO=298.11K
R= 2.591 CM PWALL= .8925 N/SQ CM CF= .00168 PI = .928
UE= 614.2 M/SEC RHOE=.00877 KG/CUB M RE= 22.677E6 /M
DELTA= .323 CM DELTA*= .1048 CM THETA= .0189 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.037901	.000000	1.000000	.369582	.000000
2	.012700	.088537	.584436	1.000000	.471003	1.171366
3	.025400	.113753	.662535	1.000000	.510983	1.383108
4	.038100	.132867	.708517	1.000000	.540694	1.521492
5	.050800	.147571	.738555	1.000000	.563276	1.618778
6	.063500	.161171	.763464	1.000000	.584279	1.704286
7	.076200	.174404	.785133	1.000000	.604495	1.782721
8	.088900	.188004	.805358	1.000000	.625234	1.859746
9	.101600	.203075	.825707	1.000000	.648178	1.941408
10	.114300	.219983	.846343	1.000000	.673886	2.029006
11	.127000	.235054	.863223	1.000000	.697007	2.104678
12	.139700	.264093	.891738	1.000000	.741100	2.241916
13	.152400	.280266	.905841	1.000000	.765637	2.314769
14	.165100	.279531	.905225	1.000000	.764522	2.311508
15	.177800	.294234	.917149	1.000000	.786820	2.375863
16	.190500	.308937	.928272	1.000000	.809109	2.438499
17	.203200	.324376	.939176	1.000000	.832506	2.502560
18	.215900	.338344	.948424	1.000000	.853669	2.559124
19	.228600	.355987	.959352	1.000000	.880394	2.628817
20	.241300	.371426	.968395	1.000000	.904064	2.689033
21	.254000	.385394	.976023	1.000000	.925226	2.741750
22	.266700	.397891	.982510	1.000000	.944158	2.786067
23	.279400	.408184	.987630	1.000000	.959747	2.825637
24	.292100	.419211	.992905	1.000000	.976448	2.865340
25	.304800	.425827	.995971	1.000000	.986468	2.888898
26	.317500	.432811	.999131	1.000000	.997045	2.913557
27	.330200	.437590	1.001249	1.000000	1.004281	2.930308
28	.342900	.442001	1.003173	1.000000	1.010960	2.945686
29	.355600	.443471	1.003808	1.000000	1.013186	2.950795
30	.368300	.445677	1.004754	1.000000	1.016526	2.958440
31	.381000	.447147	1.005381	1.000000	1.018752	2.963526
32	.393700	.447735	1.005631	1.000000	1.019642	2.965558
33	.406400	.448470	1.005943	1.000000	1.020756	2.968096
34	.419100	.449132	1.006222	1.000000	1.021757	2.97[illegible]78
35	.431800	.449646	1.006440	1.000000	1.022537	2.972152
36	.444500	.450308	1.006718	1.000000	1.023538	2.974431
37	.457200	.451043	1.007027	1.000000	1.024651	2.976962
38	.469900	.451558	1.007243	1.000000	1.025431	2.978732
39	.482600	.451631	1.007274	1.000000	1.025542	2.978984
40	.495300	.451925	1.007397	1.000000	1.025987	2.979995
41	.508000	.451558	1.007243	1.000000	1.025431	2.978732
42	.533400	.451190	1.007089	1.000000	1.024874	2.977667
43	.558800	.451778	1.007336	1.000000	1.025765	2.979490

STATION X= 6.06 CM PTO= 23.548 N/SQ CM TTO=298.11K
R= 2.591 CM PWALL= 1.2697 N/SQ CM CF= .00189 PT[illegible] =1.291
UE= 556.2 M/SEC RHOE=.00954 KG/CUB M RE= 17.251E6 /M
DELTA= .246 CM DELTA*= .0793 CM THETA= .0188 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.053921	.000000	1.000000	.483089	.000000
2	.012700	.094933	.537307	1.000000	.567827	.936504
3	.025400	.114709	.611182	1.000000	.598689	1.093831
4	.038100	.135440	.671287	1.000000	.629788	1.232210
5	.050800	.156025	.719532	1.000000	.659614	1.351681
6	.063500	.173669	.755101	1.000000	.684971	1.445509
7	.076200	.190577	.785053	1.000000	.708941	1.528916
8	.088900	.207486	.811932	1.000000	.732802	1.607653
9	.101600	.224027	.835991	1.000000	.756315	1.681637
10	.114300	.242038	.859580	1.000000	.781613	1.757767
11	.127000	.257476	.878120	1.000000	.803258	1.820375
12	.139700	.278061	.900770	1.000000	.832072	1.900525
13	.152400	.296440	.919255	1.000000	.857765	1.969243
14	.165100	.311878	.933673	1.000000	.879327	2.025114
15	.177800	.329522	.949051	1.000000	.903951	2.087091
16	.190500	.343490	.960652	1.000000	.923745	2.135607
17	.203200	.355987	.970359	1.000000	.941183	2.177452
18	.215900	.370691	.981208	1.000000	.961689	2.225656
19	.228600	.382453	.989477	1.000000	.978089	2.263467
20	.241300	.396216	.997405	1.000000	.994485	2.300647
21	.254000	.405243	1.004548	1.000000	1.009852	2.334957
22	.266700	.415535	1.010977	1.000000	1.024191	2.366525
23	.279400	.424357	1.016314	1.000000	1.036480	2.393248
24	.292100	.430238	1.019786	1.000000	1.044672	2.410896
25	.304800	.435384	1.022771	1.000000	1.051839	2.426232
26	.317500	.439060	1.024872	1.000000	1.056958	2.437126
27	.330200	.441486	1.026246	1.000000	1.060337	2.444289
28	.342900	.442736	1.026949	1.000000	1.062077	2.447971
29	.355600	.444206	1.027773	1.000000	1.064125	2.452296
30	.368300	.445309	1.028389	1.000000	1.065660	2.455534
31	.381000	.446044	1.028798	1.000000	1.066684	2.457690
32	.393700	.446265	1.028920	1.000000	1.066991	2.458337
33	.406400	.446485	1.029043	1.000000	1.067298	2.458983
34	.419100	.447294	1.029491	1.000000	1.068424	2.461352
35	.431800	.447514	1.029613	1.000000	1.068731	2.461998
36	.444500	.448103	1.029938	1.000000	1.069550	2.463718
37	.457200	.448838	1.030344	1.000000	1.070574	2.465868
38	.469900	.449867	1.030910	1.000000	1.072007	2.468873
39	.482600	.450676	1.031353	1.000000	1.073133	2.471232
40	.495300	.450823	1.031434	1.000000	1.073338	2.471661
41	.508000	.451852	1.031997	1.000000	1.074771	2.474660
42	.533400	.453763	1.033037	1.000000	1.077432	2.480219
43	.558600	.455013	1.033713	1.000000	1.079172	2.483847

STATION X= 6.31 CM PTO= 23.548 N/SQ CM TTO=298.11K
R= 2.591 CM PWALL= 1.4069 N/SQ CM CF= .00169 PT =1.509
UE= 554.0 M/SEC RHOE=.01049 KG/CUB M RE= 18.730E6 /M
DELTA= .240 CM DELTA*= .0808 CM THETA= .0191 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.059747	.000000	1.000000	.487189	.000000
2	.012700	.103461	.532102	1.000000	.569940	.921564
3	.025400	.120517	.593855	1.000000	.594749	1.050662
4	.038100	.138749	.645921	1.000000	.619795	1.166591
5	.050800	.158230	.692155	1.000000	.645862	1.276112
6	.063500	.179550	.735011	1.000000	.673883	1.384208
7	.076200	.198664	.768498	1.000000	.698840	1.473829
8	.088900	.220719	.802292	1.000000	.727237	1.569587
9	.101600	.238362	.826489	1.000000	.749860	1.641885
10	.114300	.258947	.852324	1.000000	.776440	1.722955
11	.127000	.278796	.874721	1.000000	.801786	1.796860
12	.139700	.300116	.896650	1.000000	.828963	1.872862
13	.152400	.319965	.915358	1.000000	.854230	1.940858
14	.165100	.339079	.932014	1.000000	.878536	2.004091
15	.177800	.358193	.947491	1.000000	.902821	2.065338
16	.190500	.377307	.962096	1.000000	.927401	2.125532
17	.203200	.394216	.974070	1.000000	.948874	2.176756
18	.215900	.410389	.984894	1.000000	.969405	2.224628
19	.228600	.423622	.993330	1.000000	.986197	2.263031
20	.241300	.435384	1.000531	1.000000	1.001120	2.296619
21	.254000	.445677	1.006617	1.000000	1.014175	2.325605
22	.266700	.451558	1.010008	1.000000	1.021633	2.342005
23	.279400	.451558	1.010008	1.000000	1.021633	2.342005
24	.292100	.447514	1.007684	1.000000	1.016505	2.330742
25	.304800	.443839	1.005545	1.000000	1.011844	2.320456
26	.317500	.442368	1.004682	1.000000	1.009979	2.316328
27	.330200	.442001	1.004466	1.000000	1.009512	2.315295
28	.342900	.442368	1.004682	1.000000	1.009979	2.316328
29	.355600	.443471	1.005329	1.000000	1.011377	2.319425
30	.368300	.444427	1.005889	1.000000	1.012589	2.322105
31	.381000	.445897	1.006745	1.000000	1.014454	2.326222
32	.393700	.447514	1.007684	1.000000	1.016505	2.330742
33	.406400	.448470	1.008236	1.000000	1.017717	2.333409
34	.419100	.449352	1.008744	1.000000	1.018836	2.335868
35	.431800	.450088	1.009166	1.000000	1.019769	2.337916
36	.444500	.450235	1.009251	1.000000	1.019955	2.338325
37	.457200	.450676	1.009504	1.000000	1.020514	2.339552
38	.469900	.451190	1.009798	1.000000	1.021167	2.340983
39	.482600	.451558	1.010008	1.000000	1.021633	2.342005
40	.495300	.452440	1.010512	1.000000	1.022752	2.344455
41	.508000	.453396	1.011056	1.000000	1.023964	2.347106
42	.533400	.455969	1.012512	1.000000	1.027227	2.354228
43	.558800	.457072	1.013133	1.000000	1.028625	2.357274

ID NO. 22310-036

STATION X= 6.57 CM PTO= 23.548 N/SQ CM TTO=298.11K
R= 2.591 CM PWALL= 1.4412 N/SQ CM CF= .00156 PT =1.561
UE= 566.9 M/SEC RHOE=.01130 KG/CUB M RE= 21.665E6 /M
DELTA= .265 CM DELTA*= .0907 CM THETA= .0203 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.061203	.000000	1.000000	.463047	.000000
2	.012700	.110960	.539573	1.000000	.548847	.962534
3	.025400	.127721	.592525	1.000000	.570618	1.077755
4	.038100	.144262	.636336	1.000000	.591696	1.178628
5	.050800	.161906	.676043	1.000000	.613637	1.275178
6	.063500	.182490	.715754	1.000000	.638759	1.377442
7	.076200	.201605	.748041	1.000000	.661931	1.465454
8	.088900	.221454	.777596	1.000000	.685662	1.550422
9	.101600	.242038	.805017	1.000000	.710166	1.633523
10	.114300	.263358	.830790	1.000000	.735709	1.715874
11	.127000	.285045	.854268	1.000000	.761407	1.794913
12	.139700	.305262	.874220	1.000000	.785320	1.865456
13	.152400	.327316	.894157	1.000000	.811371	1.939386
14	.165100	.349371	.912438	1.000000	.837391	2.010519
15	.177800	.372161	.929812	1.000000	.864254	2.081406
16	.190500	.392745	.944515	1.000000	.888800	2.144132
17	.203200	.414800	.958992	1.000000	.914781	2.208586
18	.215900	.436120	.972130	1.000000	.939884	2.269121
19	.228600	.453028	.981768	1.000000	.959785	2.315989
20	.241300	.468466	.990231	1.000000	.977951	2.357956
21	.254000	.480964	.996804	1.000000	.992653	2.391383
22	.266700	.488316	1.000560	1.000000	1.001300	2.410827
23	.279400	.493462	1.003142	1.000000	1.007353	2.424343
24	.292100	.493462	1.003142	1.000000	1.007353	2.424343
25	.304800	.491109	1.001966	1.000000	1.004586	2.418174
26	.317500	.487213	1.000001	1.000000	1.000003	2.407920
27	.330200	.484272	.998504	1.000000	.996545	2.400153
28	.342900	.482067	.997372	1.000000	.993950	2.394310
29	.355600	.478759	.995661	1.000000	.990059	2.385519
30	.368300	.472142	.992189	1.000000	.982275	2.367838
31	.381000	.465526	.988649	1.000000	.974491	2.350021
32	.393700	.456704	.983818	1.000000	.964111	2.326051
33	.406400	.452587	.981520	1.000000	.959266	2.314779
34	.419100	.451190	.980733	1.000000	.957623	2.310942
35	.431800	.451190	.980733	1.000000	.957623	2.310942
36	.444500	.451925	.981148	1.000000	.958488	2.312962
37	.457200	.452808	.981644	1.000000	.959526	2.315384
38	.469900	.453616	.982097	1.000000	.960478	2.317602
39	.482600	.454498	.982591	1.000000	.961516	2.320019
40	.495300	.455454	.983124	1.000000	.962640	2.322635
41	.508000	.456116	.983492	1.000000	.963419	2.324444
42	.533400	.456704	.983818	1.000000	.964111	2.326051
43	.558800	.456704	.983818	1.000000	.964111	2.326051

STATION X= 6.82 CM PTO= 23.548 N/SQ CM TTO=298.11K
R= 2.591 CM PWALL= 1.5269 N/SQ CM CF= .00153 PT =1.604
UE= 563.7 M/SEC RHOE=.01182 KG/CUB M RE= 22.26256 /M
DELTA= .270 CM DELTA*= .0924 CM THETA= .0210 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.064844	.000000	1.000000	.469048	.000000
2	.012700	.116179	.537637	1.000000	.554085	.952098
3	.025400	.134117	.592624	1.000000	.576560	1.070547
4	.038100	.149408	.632074	1.000000	.595332	1.160251
5	.050800	.165582	.667941	1.000000	.614646	1.245818
6	.063500	.185064	.705415	1.000000	.637472	1.339922
7	.076200	.204545	.738062	1.000000	.659914	1.426399
8	.088900	.226600	.771029	1.000000	.685385	1.518596
9	.101600	.246449	.797295	1.000000	.708012	1.596039
10	.114300	.268504	.823840	1.000000	.733304	1.678376
11	.127000	.289088	.845699	1.000000	.756651	1.750949
12	.139700	.313348	.869926	1.000000	.784110	1.832631
13	.152400	.335403	.889649	1.000000	.809032	1.903734
14	.165100	.356723	.907201	1.000000	.833094	1.969950
15	.177800	.379512	.924523	1.000000	.858791	2.038289
16	.190500	.403027	.941206	1.000000	.885588	2.107196
17	.203200	.422152	.953705	1.000000	.907124	2.160985
18	.215900	.442001	.965906	1.000000	.929478	2.215434
19	.228600	.462585	.977799	1.000000	.952650	2.270497
20	.241300	.480964	.987824	1.000000	.973332	2.318538
21	.254000	.491991	.993589	1.000000	.985738	2.346884
22	.266700	.502284	.998810	1.000000	.997314	2.373030
23	.279400	.510370	1.002809	1.000000	1.006409	2.393371
24	.292100	.514046	1.004598	1.000000	1.010543	2.402559
25	.304800	.515516	1.005308	1.000000	1.012197	2.406224
26	.317500	.517354	1.006192	1.000000	1.014263	2.410798
27	.330200	.518090	1.006545	1.000000	1.015090	2.412625
28	.342900	.517575	1.006298	1.000000	1.014511	2.411346
29	.355600	.516252	1.005662	1.000000	1.013023	2.408055
30	.368300	.514781	1.004953	1.000000	1.011370	2.404392
31	.381000	.511473	1.003348	1.000000	1.007650	2.396131
32	.393700	.506695	1.001002	1.000000	1.002276	2.364147
33	.406400	.499343	.997333	1.000000	.994007	2.365590
34	.419100	.494785	.995021	1.000000	.988880	2.354010
35	.431800	.489786	.992450	1.000000	.983257	2.341243
36	.444500	.483170	.988991	1.000000	.975813	2.324235
37	.457200	.475083	.984674	1.000000	.966714	2.303276
38	.469900	.464056	.978621	1.000000	.954305	2.274378
39	.482600	.456704	.974476	1.000000	.946031	2.254904
40	.495300	.458174	.975312	1.000000	.947686	2.258812
41	.508000	.484640	.989765	1.000000	.977467	2.328026
42	.533400	.501181	.998258	1.000000	.996074	2.370243
43	.558800	.504489	.999909	1.000000	.999795	2.378595

ID NO. 22310-038

STATION X= 7.07 CM PTO= 23.548 N/SQ CM TTO=298.11K
R= 2.591 CM PWALL= 1.5510 N/SQ CM CF= .00154 PT =1.575
UE= 563.8 M/SEC RHOE=.01201 KG/CUB M RE= 22.635E6 /M
DELTA= .267 CM DELTA*= .0909 CM THETA= .0207 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.065864	.000000	1.000000	.468840	.000000
2	.012700	.121178	.548616	1.000000	.558064	.975413
3	.025400	.138822	.599426	1.000000	.579433	1.085963
4	.038100	.154554	.638262	1.000000	.598311	1.175007
5	.050800	.170728	.672886	1.000000	.617306	1.258258
6	.063500	.189107	.707265	1.000000	.638493	1.345048
7	.076200	.208221	.738637	1.000000	.660153	1.428339
8	.088900	.230276	.771040	1.000000	.685222	1.519042
9	.101600	.252330	.799617	1.000000	.709959	1.603527
10	.114300	.275120	.826341	1.000000	.735669	1.686856
11	.127000	.297910	.850251	1.000000	.761098	1.765409
12	.139700	.321435	.872650	1.000000	.787294	1.842834
13	.152400	.344225	.892455	1.000000	.812633	1.914747
14	.165100	.368485	.911773	1.000000	.839572	1.988354
15	.177800	.393480	.930023	1.000000	.867300	2.061371
16	.190500	.412595	.943157	1.000000	.888784	2.116215
17	.203200	.436120	.958050	1.000000	.914866	2.180943
18	.215900	.456704	.970221	1.000000	.937676	2.236015
19	.228600	.475818	.980875	1.000000	.958947	2.285946
20	.241300	.493462	.990201	1.000000	.978384	2.331073
21	.254000	.504489	.995800	1.000000	.990592	2.358832
22	.266700	.512576	.999798	1.000000	.999543	2.378980
23	.279400	.519192	1.003005	1.000000	1.006866	2.395337
24	.292100	.522868	1.004762	1.000000	1.010934	2.404376
25	.304800	.524338	1.005460	1.000000	1.012561	2.407982
26	.317500	.525074	1.005808	1.000000	1.013375	2.409783
27	.330200	.524338	1.005460	1.000000	1.012561	2.407982
28	.342900	.524338	1.005460	1.000000	1.012561	2.407982
29	.355600	.531690	1.008910	1.000000	1.020696	2.425929
30	.368300	.561096	1.022063	1.000000	1.053230	2.496415
31	.381000	.576535	1.028583	1.000000	1.070307	2.532626
32	.393700	.578005	1.029191	1.000000	1.071933	2.536048
33	.406400	.578005	1.029191	1.000000	1.071933	2.536048
34	.419100	.578005	1.029191	1.000000	1.071933	2.536048
35	.431800	.578005	1.029191	1.000000	1.071933	2.536048
36	.444500	.577270	1.028887	1.000000	1.071120	2.534338
37	.457200	.575652	1.028217	1.000000	1.069331	2.530571
38	.469900	.573226	1.027207	1.000000	1.066648	2.524911
39	.482600	.568446	1.025199	1.000000	1.061362	2.513724
40	.495300	.561684	1.022316	1.000000	1.053881	2.497804
41	.508000	.553009	1.018544	1.000000	1.044285	2.477234
42	.533400	.544923	1.014952	1.000000	1.035338	2.457901
43	.558800	.534631	1.010271	1.000000	1.023950	2.433071

ID NO. 22310-039

STATION X= 7.33 CM PTO= 23.548 N/SQ CM TTO=298.11K
R= 2.591 CM PWALL= 1.6641 N/SQ CM CF= .00138 PI[illegible]=1.734
UE= 572.7 M/SEC RHOE=.01337 KG/CUB M RE= 26.502E6 /M
DELTA= .302 CM DELTA*= .1055 CM THETA= .0229 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.070670	.000000	1.000000	.451907	.000000
2	.012700	.128677	.535835	1.000000	.536304	.966328
3	.025400	.144997	.580143	1.000000	.554126	1.063473
4	.038100	.161171	.618613	1.000000	.571850	1.151987
5	.050800	.176977	.650904	1.000000	.588585	1.229727
6	.063500	.194988	.683281	1.000000	.607312	1.311271
7	.076200	.211897	.710236	1.000000	.624593	1.382258
8	.088900	.233216	.740978	1.000000	.646440	1.467092
9	.101600	.253066	.766447	1.000000	.666503	1.540887
10	.114300	.275120	.792037	1.000000	.688705	1.618637
11	.127000	.299748	.818030	1.000000	.713653	1.701768
12	.139700	.322905	.839973	1.000000	.736856	1.775596
13	.152400	.347901	.861550	1.000000	.761854	1.851843
14	.165100	.371426	.880138	1.000000	.785347	1.920742
15	.177800	.390540	.894164	1.000000	.804415	1.974898
16	.190500	.415535	.911219	1.000000	.829328	2.043494
17	.203200	.438325	.925810	1.000000	.852307	2.104784
18	.215900	.459645	.938425	1.000000	.873544	2.159880
19	.228600	.483905	.951860	1.000000	.897697	2.220861
20	.241300	.525074	.972686	1.000000	.938658	2.320671
21	.254000	.558156	.987856	1.000000	.971554	2.397809
22	.266700	.571388	.993578	1.000000	.984709	2.427970
23	.279400	.579475	.996983	1.000000	.992747	2.446216
24	.292100	.584621	.999116	1.000000	.997862	2.457755
25	.304800	.587194	1.000173	1.000000	1.000419	2.463505
26	.317500	.588150	1.000563	1.000000	1.001369	2.465637
27	.330200	.588518	1.000713	1.000000	1.001734	2.466456
28	.342900	.588812	1.000833	1.000000	1.002026	2.467111
29	.355600	.588518	1.000713	1.000000	1.001734	2.466456
30	.368300	.587709	1.000383	1.000000	1.000930	2.464653
31	.381000	.586827	1.000022	1.000000	1.000054	2.462684
32	.393700	.587562	1.000323	1.000000	1.000784	2.464325
33	.406400	.587709	1.000383	1.000000	1.000930	2.464653
34	.419100	.588665	1.000773	1.000000	1.001880	2.466784
35	.431800	.589326	1.001043	1.000000	1.002538	2.468258
36	.444500	.589179	1.000983	1.000000	1.002392	2.467930
37	.457200	.588297	1.000623	1.000000	1.001515	2.465964
38	.469900	.587562	1.000323	1.000000	1.000784	2.464325
39	.482600	.587562	1.000323	1.000000	1.000784	2.464325
40	.495300	.588518	1.000713	1.000000	1.001734	2.466456
41	.508000	.588297	1.000623	1.000000	1.001515	2.465964
42	.533400	.585430	.999449	1.000000	.998665	2.459564
43	.558800	.579108	.996830	1.000000	.992382	2.445389

STATION X= 7.58 CM PTO= 23.548 N/SQ CM TTO=298.11K
R= 2.591 CM PWALL= 2.1443 N/SQ CM CF= .00129 PT =2.313
UE= 533.7 M/SEC RHOE=.01486 KG/CUB M RE= 23.897E6 /M
DELTA= .259 CM DELTA*= .0935 CM THETA= .0232 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.091059	.000000	1.000000	.524106	.000000
2	.012700	.129853	.450135	1.000000	.580037	.730468
3	.025400	.151961	.534877	1.000000	.606710	.887717
4	.038100	.169993	.585883	1.000000	.626438	.988053
5	.050800	.164696	.618325	1.000000	.640675	1.054547
6	.063500	.203810	.656644	1.000000	.659416	1.136162
7	.076200	.221086	.687037	1.000000	.675945	1.203555
8	.088900	.246449	.726171	1.000000	.699695	1.294266
9	.101600	.270709	.759262	1.000000	.722251	1.374884
10	.114300	.294969	.788914	1.000000	.744669	1.450580
11	.127000	.320700	.817007	1.000000	.768101	1.525686
12	.139700	.350106	.845932	1.000000	.794763	1.606883
13	.152400	.380248	.872898	1.000000	.822266	1.686553
14	.165100	.407448	.894858	1.000000	.846810	1.754597
15	.177800	.438325	.917672	1.000000	.874619	1.828634
16	.190500	.469202	.938544	1.000000	.902383	1.899679
17	.203200	.497138	.955971	1.000000	.927474	1.961669
18	.215900	.520663	.969694	1.000000	.948585	2.012348
19	.228600	.541982	.981451	1.000000	.967705	2.057170
20	.241300	.560361	.991295	1.000000	.984504	2.095761
21	.254000	.574329	.998358	1.000000	.997030	2.124079
22	.266700	.582416	1.002344	1.000000	1.004280	2.140299
23	.279400	.590502	1.006257	1.000000	1.011529	2.156394
24	.292100	.594913	1.008361	1.000000	1.015483	2.165122
25	.304800	.597119	1.009405	1.000000	1.017459	2.169473
26	.317500	.597854	1.009752	1.000000	1.018118	2.170921
27	.330200	.599324	1.010444	1.000000	1.019436	2.173814
28	.342900	.600795	1.011134	1.000000	1.020754	2.176704
29	.355600	.601162	1.011306	1.000000	1.021083	2.177426
30	.368300	.600795	1.011134	1.000000	1.020754	2.176704
31	.381000	.600648	1.011065	1.000000	1.020622	2.176415
32	.393700	.599765	1.010651	1.000000	1.019831	2.174682
33	.406400	.598957	1.010271	1.000000	1.019107	2.173091
34	.419100	.599177	1.010375	1.000000	1.019304	2.173525
35	.431800	.599471	1.010513	1.000000	1.019568	2.174104
36	.444500	.599692	1.010617	1.000000	1.019766	2.174537
37	.457200	.598957	1.010271	1.000000	1.019107	2.173091
38	.469900	.598075	1.009856	1.000000	1.018316	2.171355
39	.482600	.597854	1.009752	1.000000	1.018118	2.170921
40	.495300	.597634	1.009648	1.000000	1.017921	2.170487
41	.508000	.597266	1.009474	1.000000	1.017591	2.169762
42	.533400	.597119	1.009405	1.000000	1.017459	2.169473
43	.558800	.597119	1.009405	1.000000	1.017459	2.169473

ID NO. 22310-041

STATION X= 7.84 CM PTO= 23.548 N/SQ CM TTO=298.11K
R= 2.591 CM PWALL= 2.2129 N/SQ CM CF= .00171 PI[illegible]=1.361
UE= 532.5 M/SEC RHOE=.01527 KG/CUB M RE= 24.418E6 /M
DELTA= .284 CM DELTA*= .0646 CM THETA= .0225 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.093972	.000000	1.000000	.526220	.000000
2	.012700	.179550	.599176	1.000000	.634070	1.012308
3	.025400	.183226	.607597	1.000000	.637770	1.029528
4	.038100	.208221	.654398	1.000000	.660159	1.128123
5	.050800	.228805	.689594	1.000000	.679257	1.205870
6	.063500	.247184	.717684	1.000000	.696085	1.270440
7	.076200	.268504	.747167	1.000000	.715450	1.340904
8	.088900	.291294	.775349	1.000000	.735787	1.411117
9	.101600	.315554	.802843	1.000000	.757563	1.482622
10	.114300	.342019	.829755	1.000000	.780967	1.555810
11	.127000	.372161	.857472	1.000000	.807520	1.634882
12	.139700	.394951	.876913	1.000000	.827813	1.692828
13	.152400	.411124	.889722	1.000000	.842015	1.732226
14	.165100	.424357	.899746	1.000000	.853623	1.763775
15	.177800	.449352	.917655	1.000000	.875524	1.821811
16	.190500	.472877	.933400	1.000000	.896111	1.874730
17	.203200	.493462	.946381	1.000000	.914108	1.919796
18	.215900	.520663	.962508	1.000000	.937870	1.977725
19	.228600	.544923	.975998	1.000000	.959046	2.027957
20	.241300	.561096	.984562	1.000000	.973157	2.060747
21	.254000	.574329	.991332	1.000000	.984697	2.087184
22	.266700	.583151	.995918	1.000000	.992718	2.105362
23	.279400	.589767	.999160	1.000000	.998491	2.118348
24	.292100	.594178	1.001295	1.000000	1.002339	2.126960
25	.304800	.597119	1.002706	1.000000	1.004904	2.132682
26	.317500	.599324	1.003759	1.000000	1.006827	2.136963
27	.330200	.600795	1.004458	1.000000	1.008110	2.139812
28	.342900	.602265	1.005154	1.000000	1.009392	2.142657
29	.355600	.603294	1.005640	1.000000	1.010290	2.144647
30	.368300	.604323	1.006125	1.000000	1.011188	2.146634
31	.381000	.605206	1.006540	1.000000	1.011957	2.148337
32	.393700	.606676	1.007230	1.000000	1.013239	2.151170
33	.406400	.607411	1.007574	1.000000	1.013880	2.152586
34	.419100	.608146	1.007918	1.000000	1.014522	2.154000
35	.431800	.608146	1.007918	1.000000	1.014522	2.154000
36	.444500	.608514	1.008089	1.000000	1.014842	2.154707
37	.457200	.609028	1.008329	1.000000	1.015291	2.155697
38	.469900	.610572	1.009047	1.000000	1.016637	2.158662
39	.482600	.610719	1.009115	1.000000	1.016765	2.158944
40	.495300	.609837	1.008706	1.000000	1.015996	2.157250
41	.508000	.608881	1.008261	1.000000	1.015163	2.155414
42	.533400	.607411	1.007574	1.000000	1.013880	2.152586
43	.558800	.605573	1.006713	1.000000	1.012278	2.149045

STATION X= 8.09 CM PTO= 23.548 N/SQ CM TTO=298.11K
R= 2.591 CM PWALL= 2.3843 N/SQ CM CF= .00167 PT [illegible]=1.642
UE= 521.1 M/SEC RHOE=.01585 KG/CUB M RE= 23.974E6 /M
DELTA= .213 CM DELTA*= .0668 CM THETA= .0178 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.101254	.000000	1.000000	.546272	.000000
2	.012700	.164696	.589731	1.000000	.648624	.967895
3	.025400	.196664	.623389	1.000000	.663213	1.034578
4	.038100	.214837	.651382	1.000000	.676512	1.091822
5	.050800	.234687	.685966	1.000000	.694563	1.165029
6	.063500	.257476	.721016	1.000000	.714901	1.242355
7	.076200	.284677	.757728	1.000000	.738714	1.327180
8	.088900	.317759	.796609	1.000000	.767160	1.421891
9	.101600	.350841	.831161	1.000000	.795675	1.510884
10	.114300	.387599	.864881	1.000000	.826930	1.602760
11	.127000	.427298	.897419	1.000000	.860833	1.696808
12	.139700	.467731	.926698	1.000000	.895012	1.786614
13	.152400	.504489	.950691	1.000000	.926019	1.864348
14	.165100	.543452	.973813	1.000000	.958836	1.943237
15	.177800	.574329	.990673	1.000000	.984813	2.003482
16	.190500	.597119	1.002380	1.000000	1.003973	2.046781
17	.203200	.600060	1.003848	1.000000	1.006445	2.052300
18	.215900	.586297	.997919	1.000000	.996558	2.030132
19	.228600	.569918	.988338	1.000000	.981104	1.994990
20	.241300	.554847	.980176	1.000000	.968425	1.965691
21	.254000	.545658	.975058	1.000000	.960692	1.947604
22	.266700	.543452	.973813	1.000000	.958836	1.943237
23	.279400	.548231	.976502	1.000000	.962858	1.952686
24	.292100	.555950	.980783	1.000000	.969353	1.967850
25	.304800	.564037	.985186	1.000000	.976157	1.983609
26	.317500	.575799	.991447	1.000000	.986050	2.006304
27	.330200	.583886	.995655	1.000000	.992849	2.021755
28	.342900	.589400	.998481	1.000000	.997485	2.032221
29	.355600	.593223	1.000420	1.000000	1.000698	2.039445
30	.368300	.597119	1.002380	1.000000	1.003973	2.046781
31	.381000	.600795	1.004213	1.000000	1.007063	2.053677
32	.393700	.603735	1.005669	1.000000	1.009534	2.059177
33	.406400	.604691	1.006140	1.000000	1.010337	2.060961
34	.419100	.606676	1.007116	1.000000	1.012005	2.064662
35	.431800	.607779	1.007656	1.000000	1.012932	2.066715
36	.444500	.608367	1.007944	1.000000	1.013426	2.067809
37	.457200	.609396	1.008446	1.000000	1.014291	2.069722
38	.469900	.611087	1.009269	1.000000	1.015712	2.072861
39	.482600	.611454	1.009448	1.000000	1.016021	2.073543
40	.495300	.611969	1.009697	1.000000	1.016453	2.074497
41	.508000	.614028	1.010693	1.000000	1.018183	2.078309
42	.533400	.616968	1.012108	1.000000	1.020653	2.083742
43	.558800	.617703	1.012460	1.000000	1.021271	2.085099

ID NO. 22310-043

STATION X= 8.34 CM PTO= 23.548 N/SQ CM TTO=298.11K
R= 2.591 CM PWALL= 2.5730 N/SQ CM CF= .00152 PI[illegible]=1.786
UE= 528.5 M/SEC RHOE=.01752 KG/CUB M RE= 27.468E6 /M
DELTA= .230 CM DELTA*= .0751 CM THETA= .0195 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.109265	.000000	1.000000	.533298	.000000
2	.012700	.190577	.561134	1.000000	.625167	.928079
3	.025400	.211897	.609917	1.000000	.645337	1.024906
4	.038100	.228070	.635637	1.000000	.657227	1.077921
5	.050800	.248655	.669589	1.000000	.674417	1.150250
6	.063500	.272180	.703105	1.000000	.693241	1.224566
7	.076200	.302321	.741460	1.000000	.717353	1.313632
8	.088900	.334668	.777068	1.000000	.742560	1.400699
9	.101600	.365545	.807647	1.000000	.766703	1.479296
10	.114300	.403037	.840486	1.000000	.795595	1.568182
11	.127000	.440530	.869795	1.000000	.824365	1.651948
12	.139700	.483170	.899864	1.000000	.857274	1.742837
13	.152400	.526544	.927012	1.000000	.890405	1.829781
14	.165100	.564037	.948301	1.000000	.918994	1.901614
15	.177800	.603735	.968957	1.000000	.949226	1.974736
16	.190500	.627995	.980735	1.000000	.967685	2.018080
17	.203200	.647845	.989939	1.000000	.982780	2.052846
18	.215900	.663283	.996645	1.000000	.994517	2.079474
19	.228600	.669899	.999740	1.000000	.999546	2.090780
20	.241300	.673575	1.001520	1.000000	1.002670	2.097774
21	.254000	.676516	1.002786	1.000000	1.004907	2.102766
22	.266700	.677766	1.003321	1.000000	1.005857	2.104883
23	.279400	.676516	1.002786	1.000000	1.004907	2.102766
24	.292100	.672165	1.000697	1.000000	1.001222	2.094535
25	.304800	.655196	.993254	1.000000	.988370	2.065570
26	.317500	.621379	.977582	1.000000	.962652	2.006354
27	.330200	.578005	.955776	1.000000	.929635	1.927668
28	.342900	.561831	.947099	1.000000	.917313	1.897467
29	.355600	.561096	.946697	1.000000	.916753	1.896082
30	.368300	.565140	.948900	1.000000	.919834	1.903685
31	.381000	.570653	.951871	1.000000	.924035	1.914001
32	.393700	.578005	.955776	1.000000	.929635	1.927668
33	.406400	.584621	.959237	1.000000	.934674	1.939884
34	.419100	.589032	.961516	1.000000	.938033	1.947984
35	.431800	.594913	.964521	1.000000	.942510	1.958730
36	.444500	.600060	.967119	1.000000	.946428	1.968083
37	.457200	.603735	.968957	1.000000	.949226	1.974736
38	.469900	.607264	.970708	1.000000	.951911	1.981101
39	.482600	.609617	.971868	1.000000	.953702	1.985333
40	.495300	.612190	.973130	1.000000	.955660	1.989951
41	.508000	.614028	.974027	1.000000	.957058	1.993243
42	.533400	.618071	.975989	1.000000	.960135	2.000465
43	.558800	.618438	.976167	1.000000	.960414	2.001120

STATION X= 8.60 CM PTO= 23.548 N/SQ CM TTO=298.11K
R= 2.591 CM PWALL= 2.7307 N/SQ CM CF= .00151 PT R=1.806
UE= 523.4 M/SEC RHOE=.01829 KG/CUB M RE= 27.969E6 /M
DELTA= .236 CM DELTA*= .0764 CM THETA= .0203 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.115964	.000000	1.000000	.542246	.000000
2	.012700	.196973	.553953	1.000000	.630863	.903948
3	.025400	.218513	.601435	1.000000	.649848	.996087
4	.038100	.239098	.636794	1.000000	.665841	1.067547
5	.050800	.257476	.666523	1.000000	.680665	1.129756
6	.063500	.283207	.702676	1.000000	.700593	1.208345
7	.076200	.311143	.737301	1.000000	.721879	1.287003
8	.088900	.340549	.769841	1.000000	.744118	1.364347
9	.101600	.370691	.799800	1.000000	.766768	1.438852
10	.114300	.407448	.832237	1.000000	.793975	1.523538
11	.127000	.447882	.864036	1.000000	.823757	1.611144
12	.139700	.491256	.894715	1.000000	.855870	1.700557
13	.152400	.525074	.916221	1.000000	.880651	1.766465
14	.165100	.566977	.940586	1.000000	.911301	1.844728
15	.177800	.601530	.959025	1.000000	.936538	1.906757
16	.190500	.633142	.974747	1.000000	.959602	1.961734
17	.203200	.658872	.986814	1.000000	.978362	2.005338
18	.215900	.674310	.993764	1.000000	.989613	2.031040
19	.228600	.684603	.998283	1.000000	.997111	2.047990
20	.241300	.690484	1.000825	1.000000	1.001395	2.057612
21	.254000	.693424	1.002085	1.000000	1.003537	2.062406
22	.266700	.694160	1.002399	1.000000	1.004073	2.063602
23	.279400	.694160	1.002399	1.000000	1.004073	2.063602
24	.292100	.694160	1.002399	1.000000	1.004073	2.063602
25	.304800	.693424	1.002085	1.000000	1.003537	2.062406
26	.317500	.692542	1.001708	1.000000	1.002895	2.060969
27	.330200	.690851	1.000983	1.000000	1.001663	2.058212
28	.342900	.690484	1.000825	1.000000	1.001395	2.057612
29	.355600	.690116	1.000667	1.000000	1.001128	2.057012
30	.368300	.689014	1.000192	1.000000	1.000324	2.055211
31	.381000	.687396	.999494	1.000000	.999146	2.052566
32	.393700	.685705	.998761	1.000000	.997914	2.049798
33	.406400	.671370	.992456	1.000000	.987470	2.026170
34	.419100	.642699	.979302	1.000000	.966572	1.978045
35	.431800	.593443	.954833	1.000000	.930634	1.892428
36	.444500	.574329	.944627	1.000000	.916673	1.858105
37	.457200	.571388	.943019	1.000000	.914525	1.852766
38	.469900	.576535	.945827	1.000000	.918285	1.862099
39	.482600	.581681	.948603	1.000000	.922044	1.871384
40	.495300	.587562	.951738	1.000000	.926339	1.881936
41	.508000	.593076	.954640	1.000000	.930365	1.891774
42	.533400	.601897	.959214	1.000000	.936806	1.907405
43	.558800	.608881	.962775	1.000000	.941903	1.919687

STATION X= 6.85 CM PTO= 23.548 N/SQ CM TTO=298.11K
R= 2.591 CM PWALL= 2.8645 N/SQ CM CF= .00153 PT =1.800
UE= 517.3 M/SEC RHOE=.01881 KG/CUB M RE= 27.948E6 /M
DELTA= .238 CM DELTA*= .0760 CM THETA= .0207 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.121644	.000000	1.000000	.552852	.000000
2	.012700	.203810	.553720	1.000000	.640689	.891291
3	.025400	.224394	.599111	1.000000	.658547	.977702
4	.038100	.246449	.637270	1.000000	.675522	1.053293
5	.050800	.268504	.671773	1.000000	.692613	1.124279
6	.063500	.289068	.700763	1.000000	.708404	1.186090
7	.076200	.317024	.735354	1.000000	.729158	1.262739
8	.088900	.345695	.767152	1.000000	.750298	1.336301
9	.101600	.374366	.795564	1.000000	.771073	1.404847
10	.114300	.413330	.830502	1.000000	.799396	1.493233
11	.127000	.447882	.858046	1.000000	.824180	1.566490
12	.139700	.493462	.890654	1.000000	.856745	1.657834
13	.152400	.533895	.916883	1.000000	.885847	1.735400
14	.165100	.574329	.940519	1.000000	.914616	1.808811
15	.177800	.605941	.957588	1.000000	.937074	1.864111
16	.190500	.635347	.972481	1.000000	.957944	1.914068
17	.203200	.660342	.984463	1.000000	.975670	1.955497
18	.215900	.677251	.992243	1.000000	.987654	1.983017
19	.228600	.690484	.998157	1.000000	.997030	2.004283
20	.241300	.695630	1.000417	1.000000	1.000676	2.012491
21	.254000	.699306	1.002019	1.000000	1.003280	2.018333
22	.266700	.700041	1.002338	1.000000	1.003800	2.019500
23	.279400	.701511	1.002974	1.000000	1.004842	2.021830
24	.292100	.701511	1.002974	1.000000	1.004842	2.021830
25	.304800	.701732	1.003070	1.000000	1.004998	2.022179
26	.317500	.701879	1.003133	1.000000	1.005102	2.022412
27	.330200	.701879	1.003133	1.000000	1.005102	2.022412
28	.342900	.702099	1.003228	1.000000	1.005258	2.022762
29	.355600	.701732	1.003070	1.000000	1.004998	2.022179
30	.368300	.701144	1.002815	1.000000	1.004581	2.021248
31	.381000	.700629	1.002593	1.000000	1.004217	2.020437
32	.393700	.699085	1.001923	1.000000	1.003123	2.017983
33	.406400	.697835	1.001380	1.000000	1.002238	2.015999
34	.419100	.697100	1.001059	1.000000	1.001717	2.014830
35	.431800	.696365	1.000739	1.000000	1.001197	2.013661
36	.444500	.695630	1.000417	1.000000	1.000676	2.012491
37	.457200	.693424	.999451	1.000000	.999114	2.008978
38	.469900	.689749	.997832	1.000000	.996510	2.003108
39	.482600	.683867	.995218	1.000000	.992343	1.993679
40	.495300	.677251	.992243	1.000000	.987654	1.983017
41	.508000	.664018	.986176	1.000000	.978276	1.961513
42	.533400	.629466	.969574	1.000000	.953772	1.904185
43	.558800	.574329	.940519	1.000000	.914616	1.808811

STATION X= 9.11 CM PTO= 23.548 N/SQ CM TTO=298.11K
R= 2.591 CM PWALL= 2.9725 N/SQ CM CF= .00155 PT [illegible]=1.751
UE= 513.3 M/SEC RHOE=.01928 KG/CUB M RE= 28.113E6 /M
DELTA= .246 CM DELTA*= .0769 CM THETA= .0214 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.126232	.000000	1.000000	.559708	.000000
2	.012700	.211162	.557218	1.000000	.648341	.889818
3	.025400	.231746	.601594	1.000000	.665802	.973533
4	.038100	.253801	.640655	1.000000	.683165	1.050175
5	.050800	.274385	.671142	1.000000	.698170	1.112167
6	.063500	.297175	.702257	1.000000	.714950	1.177629
7	.076200	.322905	.734146	1.000000	.733855	1.247276
8	.088900	.350841	.765014	1.000000	.753997	1.317434
9	.101600	.377307	.791302	1.000000	.772749	1.379546
10	.114300	.413330	.823979	1.000000	.798365	1.460131
11	.127000	.456704	.858686	1.000000	.828762	1.550330
12	.139700	.493462	.885093	1.000000	.854412	1.622548
13	.152400	.522868	.904801	1.000000	.875162	1.678697
14	.165100	.566977	.931578	1.000000	.905825	1.758393
15	.177800	.599324	.949616	1.000000	.928271	1.814513
16	.190500	.633142	.967209	1.000000	.951707	1.871314
17	.203200	.658137	.979463	1.000000	.969012	1.912175
18	.215900	.678721	.989116	1.000000	.983255	1.945160
19	.228600	.691219	.994795	1.000000	.991899	1.964909
20	.241300	.700776	.999050	1.000000	.998508	1.979874
21	.254000	.705922	1.001309	1.000000	1.002065	1.987884
22	.266700	.708863	1.002591	1.000000	1.004098	1.992446
23	.279400	.710333	1.003229	1.000000	1.005114	1.994723
24	.292100	.710333	1.003229	1.000000	1.005114	1.994723
25	.304800	.709230	1.002751	1.000000	1.004352	1.993016
26	.317500	.705555	1.001148	1.000000	1.001811	1.987313
27	.330200	.701511	.999374	1.000000	.999016	1.981020
28	.342900	.695262	.996605	1.000000	.994695	1.971254
29	.355600	.689014	.993803	1.000000	.990374	1.961438
30	.368300	.662397	.990801	1.000000	.985798	1.950990
31	.381000	.674310	.987080	1.000000	.980204	1.938141
32	.393700	.667400	.983855	1.000000	.975423	1.927090
33	.406400	.660048	.980376	1.000000	.970335	1.915263
34	.419100	.652476	.976741	1.000000	.965094	1.903001
35	.431800	.644904	.973051	1.000000	.959852	1.890656
36	.444500	.637405	.969343	1.000000	.954660	1.878349
37	.457200	.630201	.965727	1.000000	.949670	1.866446
38	.469900	.622849	.961983	1.000000	.944577	1.854218
39	.482600	.615498	.958182	1.000000	.939483	1.841905
40	.495300	.607044	.953740	1.000000	.933623	1.827640
41	.508000	.598001	.948902	1.000000	.927353	1.812253
42	.533400	.580210	.939109	1.000000	.915011	1.781574
43	.558800	.562567	.929018	1.000000	.902762	1.750595

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STATION X= 9.36 CM PTO= 23.548 N/SQ CM TTO=298.11K
R= 2.591 CM PWALL= 3.0188 N/SQ CM CF= .00167 PT =1.584
UE= 505.1 M/SEC RHOE=.01936 KG/CUB M RE= 26.799E6 /M
DELTA= .241 CM DELTA*= .0719 CM THETA= .0208 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.128198	.000000	1.000000	.573783	.000000
2	.012700	.218513	.575827	1.000000	.668218	.907147
3	.025400	.239833	.620046	1.000000	.686230	.989867
4	.038100	.261687	.656097	1.000000	.702710	1.059944
5	.050800	.282472	.687390	1.000000	.718476	1.122687
6	.063500	.305262	.718518	1.000000	.735659	1.187688
7	.076200	.328052	.746364	1.000000	.752393	1.247570
8	.088900	.358928	.780257	1.000000	.774839	1.323641
9	.101600	.386129	.807048	1.000000	.794280	1.386160
10	.114300	.419946	.837626	1.000000	.818568	1.460509
11	.127000	.450823	.862781	1.000000	.840427	1.524325
12	.139700	.493462	.894266	1.000000	.870491	1.607962
13	.152400	.530220	.916849	1.000000	.896323	1.676498
14	.165100	.565507	.940814	1.000000	.921381	1.740406
15	.177800	.598569	.959682	1.000000	.944563	1.797504
16	.190500	.625790	.974242	1.000000	.963601	1.843072
17	.203200	.647845	.985472	1.000000	.979024	1.879178
18	.215900	.662548	.992693	1.000000	.989300	1.902655
19	.228600	.671370	.996928	1.000000	.995463	1.916916
20	.241300	.677986	1.000157	1.000000	1.000085	1.927392
21	.254000	.679089	1.000575	1.000000	1.000855	1.929132
22	.266700	.677986	1.000157	1.000000	1.000085	1.927392
23	.279400	.674898	.998602	1.000000	.997928	1.922510
24	.292100	.670782	.996647	1.000000	.995052	1.915982
25	.304800	.665488	.994112	1.000000	.991354	1.907554
26	.317500	.658872	.990907	1.000000	.986731	1.896964
27	.330200	.652991	.988023	1.000000	.982621	1.887500
28	.342900	.646963	.985033	1.000000	.978407	1.877748
29	.355600	.641081	.982081	1.000000	.974295	1.868182
30	.368300	.633877	.978417	1.000000	.969257	1.856396
31	.381000	.628363	.975578	1.000000	.965401	1.847322
32	.393700	.622114	.972322	1.000000	.961029	1.836983
33	.406400	.616086	.969141	1.000000	.956811	1.826951
34	.419100	.610058	.965921	1.000000	.952592	1.816862
35	.431800	.603147	.962179	1.000000	.947755	1.805223
36	.444500	.596751	.958669	1.000000	.943276	1.794382
37	.457200	.589767	.954781	1.000000	.938385	1.782465
38	.469900	.581681	.950206	1.000000	.932719	1.768561
39	.482600	.574623	.946148	1.000000	.927773	1.756333
40	.495300	.568815	.942762	1.000000	.923701	1.746203
41	.508000	.560876	.938063	1.000000	.918133	1.732254
42	.533400	.544923	.928366	1.000000	.906939	1.703865
43	.558800	.528161	.917528	1.000000	.894878	1.672739

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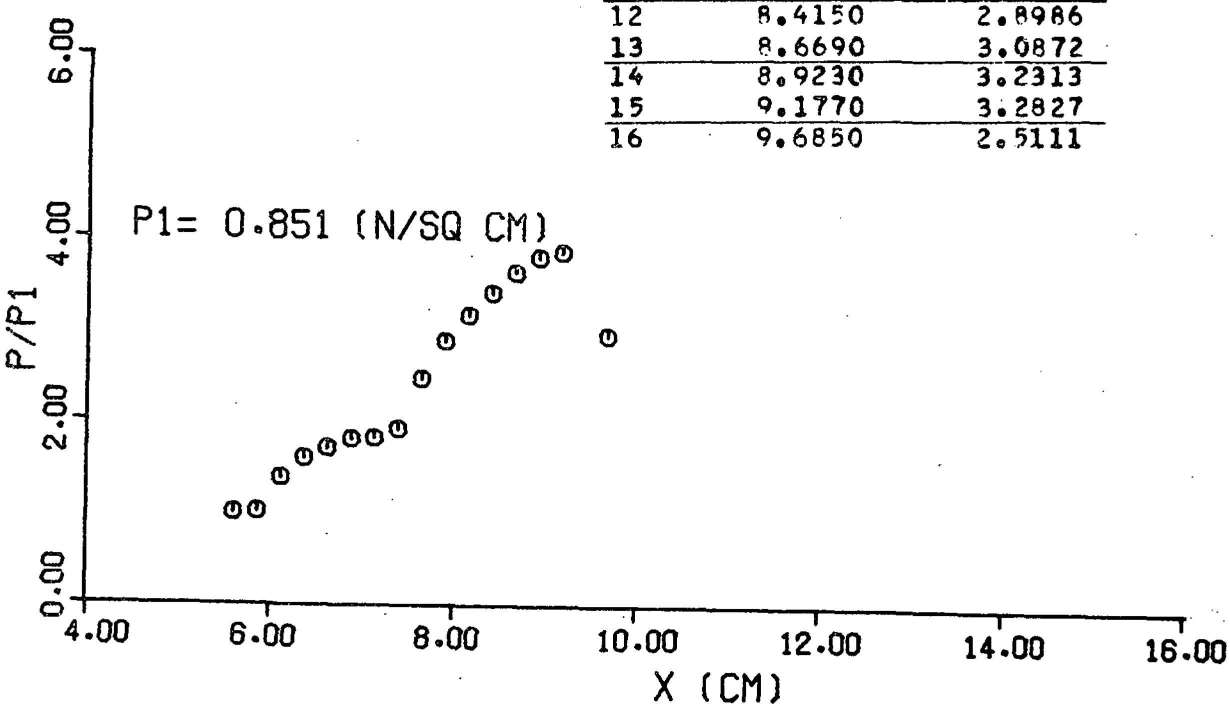
STATION X= 9.87 CM PTO= 23.548 N/SQ CM TTO=298.11K
R= 2.591 CM PWALL= 2.1957 N/SQ CM CF= .00224 PT = .567
UE= 529.8 M/SEC RHOE=.01501 KG/CUB M RE= 23.692E6 /M
DELTA= .316 CM DELTA*= .0693 CM THETA= .0196 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.093244	.000000	1.000000	.531012	.000000
2	.012700	.224394	.688846	1.000000	.683007	1.196323
3	.025400	.257109	.738434	1.000000	.713468	1.310729
4	.038100	.275120	.762206	1.000000	.729875	1.368392
5	.050800	.290559	.781109	1.000000	.743864	1.415703
6	.063500	.304526	.797491	1.000000	.756721	1.457832
7	.076200	.322170	.816571	1.000000	.772623	1.508314
8	.088900	.339079	.833699	1.000000	.787819	1.555021
9	.101600	.353782	.847768	1.000000	.801003	1.594440
10	.114300	.373631	.865666	1.000000	.818767	1.646057
11	.127000	.393480	.882686	1.000000	.836773	1.696775
12	.139700	.412595	.897875	1.000000	.853838	1.743482
13	.152400	.430238	.911137	1.000000	.869571	1.785461
14	.165100	.450823	.925775	1.000000	.887906	1.833171
15	.177800	.473613	.941027	1.000000	.908185	1.884532
16	.190500	.486110	.949001	1.000000	.919297	1.912091
17	.203200	.504489	.960262	1.000000	.935630	1.951891
18	.215900	.521398	.970164	1.000000	.950646	1.987782
19	.228600	.536101	.978442	1.000000	.963699	2.018459
20	.241300	.550069	.986037	1.000000	.976093	2.047165
21	.254000	.557420	.989933	1.000000	.982615	2.062109
22	.266700	.569163	.996029	1.000000	.993048	2.085792
23	.279400	.571368	.997153	1.000000	.995004	2.090202
24	.292100	.575064	.999202	1.000000	.998593	2.098270
25	.304800	.577270	1.000311	1.000000	1.000550	2.102657
26	.317500	.576535	.999942	1.000000	.999898	2.101196
27	.330200	.575064	.999202	1.000000	.998593	2.098270
28	.342900	.573961	.998645	1.000000	.997614	2.096073
29	.355600	.571021	.996966	1.000000	.994678	2.089467
30	.368300	.567933	.995389	1.000000	.991940	2.083289
31	.381000	.564037	.993383	1.000000	.988484	2.075465
32	.393700	.560729	.991665	1.000000	.985550	2.068798
33	.406400	.556685	.989547	1.000000	.981963	2.060620
34	.419100	.553009	.987604	1.000000	.978702	2.053156
35	.431800	.549334	.985644	1.000000	.975441	2.045664
36	.444500	.544923	.983269	1.000000	.971527	2.036637
37	.457200	.541247	.981270	1.000000	.968266	2.029083
38	.469900	.536689	.978767	1.000000	.964221	2.019676
39	.482600	.531690	.975990	1.000000	.959784	2.009306
40	.495300	.526544	.973096	1.000000	.955215	1.998574
41	.508000	.522133	.970585	1.000000	.951299	1.989327
42	.533400	.512576	.965050	1.000000	.942813	1.969140
43	.558800	.503019	.959380	1.000000	.934323	1.948737

ID NO. 22310-049

PTO= 23.5480 N/SQ CM
TTO= 298.1111 K
PBAR= 758.8000 MMHG
TMAN= 300.3333 K

I	X(CM)	P(N/SQ CM)
1	5.6210	.8513
2	5.8750	.8616
3	6.1290	1.1819
4	6.3830	1.3616
5	6.6370	1.4549
6	6.8910	1.5379
7	7.1450	1.5509
8	7.3990	1.6349
9	7.6530	2.0996
10	7.9070	2.4494
11	8.1610	2.6894
12	8.4150	2.8986
13	8.6690	3.0872
14	8.9230	3.2313
15	9.1770	3.2827
16	9.6850	2.5111



ID NO. 22310 -049

STATION X= 5.62 CM PTO= 23.473 N/SQ CM TTO=298.67K
R= 2.591 CM PWALL= .8513 N/SQ CM CF= .00164 PT [illegible]= .814
UE= 621.5 M/SEC RHOE=.00867 KG/CUB M RE= 23.532E6 /M
DELTA= .409 CM DELTA*= .1259 CM THETA= .0220 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.036269	.000000	1.000000	.355795	.000000
2	.012700	.091488	.602627	1.000000	.464454	1.235712
3	.025400	.113393	.667442	1.000000	.498997	1.418599
4	.038100	.132199	.712006	1.000000	.528341	1.557178
5	.050800	.146581	.740998	1.000000	.550526	1.654257
6	.063500	.158750	.763141	1.000000	.569431	1.732696
7	.076200	.169075	.780171	1.000000	.585291	1.795862
8	.088900	.178736	.794965	1.000000	.600111	1.852937
9	.101600	.189725	.810607	1.000000	.616946	1.915716
10	.114300	.200419	.824754	1.000000	.633313	1.974833
11	.127000	.210744	.837515	1.000000	.649102	2.030235
12	.139700	.222913	.851544	1.000000	.667697	2.093601
13	.152400	.233607	.863221	1.000000	.684260	2.148471
14	.165100	.245408	.875138	1.000000	.702284	2.206633
15	.177800	.257724	.886777	1.000000	.721088	2.265719
16	.190500	.268861	.896667	1.000000	.738084	2.317827
17	.203200	.280071	.906067	1.000000	.755187	2.369107
18	.215900	.290396	.914274	1.000000	.770935	2.415362
19	.228600	.302196	.923166	1.000000	.788928	2.467151
20	.241300	.313997	.931581	1.000000	.806917	2.517862
21	.254000	.325059	.939070	1.000000	.823778	2.564484
22	.266700	.339810	.948504	1.000000	.846254	2.625347
23	.279400	.369310	.965802	1.000000	.891486	2.743737
24	.292100	.392911	.978159	1.000000	.927450	2.834341
25	.304800	.406186	.984635	1.000000	.947676	2.884046
26	.317500	.413561	.988096	1.000000	.958911	2.911291
27	.330200	.420199	.991133	1.000000	.969023	2.935595
28	.342900	.425361	.993445	1.000000	.976887	2.954358
29	.355600	.427942	.994585	1.000000	.980819	2.963695
30	.368300	.431261	.996035	1.000000	.985874	2.975656
31	.381000	.434211	.997311	1.000000	.990368	2.986248
32	.393700	.436793	.998416	1.000000	.994300	2.995485
33	.406400	.439964	.999760	1.000000	.999130	3.006795
34	.419100	.441955	1.000596	1.000000	1.002163	3.013874
35	.431800	.442840	1.000966	1.000000	1.003511	3.017015
36	.444500	.443430	1.001212	1.000000	1.004410	3.019107
37	.457200	.444537	1.001671	1.000000	1.006095	3.023026
38	.469900	.444905	1.001824	1.000000	1.006656	3.024331
39	.482600	.446012	1.002282	1.000000	1.008341	3.028243
40	.495300	.449330	1.003644	1.000000	1.013396	3.039949
41	.508000	.450879	1.004274	1.000000	1.015755	3.045397
42	.533400	.452280	1.004842	1.000000	1.017889	3.050317
43	.558800	.452797	1.005050	1.000000	1.018675	3.052127

ID NO. 22310-051

STATION X= 5.88 CM PTO= 23.473 N/SQ CM TTO=298.67K
R= 2.591 CM PWALL= .8616 N/SQ CM CF= .00164 PT[illegible]= .912
UE= 619.5 M/SEC RHOE=.00868 KG/CUB M RE= 23.198E6 /M
DELTA= .347 CM DELTA*= .1120 CM THETA= .0197 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.036707	.000000	1.000000	.359912	.000000
2	.012700	.090825	.598286	1.000000	.466883	1.219063
3	.025400	.114351	.668527	1.000000	.504131	1.415458
4	.038100	.132568	.711661	1.000000	.532556	1.548682
5	.050800	.147318	.741428	1.000000	.555306	1.647562
6	.063500	.159118	.762940	1.000000	.573639	1.723122
7	.076200	.169444	.780027	1.000000	.589495	1.785897
8	.088900	.179769	.795858	1.000000	.605328	1.846449
9	.101600	.190832	.811591	1.000000	.622269	1.909119
10	.114300	.203369	.828069	1.000000	.641449	1.977670
11	.127000	.215538	.842851	1.000000	.660046	2.041945
12	.139700	.231395	.860706	1.000000	.684487	2.123460
13	.152400	.250570	.880063	1.000000	.713764	2.217161
14	.165100	.270483	.898149	1.000000	.744144	2.310380
15	.177800	.286708	.911584	1.000000	.768885	2.383602
16	.190500	.302196	.923455	1.000000	.792492	2.451431
17	.203200	.316947	.933990	1.000000	.814968	2.514309
18	.215900	.331697	.943848	1.000000	.837437	2.575637
19	.228600	.346447	.953095	1.000000	.859902	2.635524
20	.241300	.359722	.961048	1.000000	.880398	2.689002
21	.254000	.372998	.968481	1.000000	.900622	2.740744
22	.266700	.389223	.977051	1.000000	.925335	2.802678
23	.279400	.402498	.983678	1.000000	.945552	2.852344
24	.292100	.415036	.989642	1.000000	.964644	2.898464
25	.304800	.420936	.992356	1.000000	.973628	2.919914
26	.317500	.429786	.996320	1.000000	.987102	2.951795
27	.330200	.433474	.997935	1.000000	.992717	2.964978
28	.342900	.437161	.999530	1.000000	.998331	2.978101
29	.355600	.440849	1.001104	1.000000	1.003945	2.991166
30	.368300	.444537	1.002658	1.000000	1.009559	3.004175
31	.381000	.446749	1.003582	1.000000	1.012927	3.011953
32	.393700	.448224	1.004193	1.000000	1.015173	3.017127
33	.406400	.448962	1.004498	1.000000	1.016295	3.019711
34	.419100	.449552	1.004741	1.000000	1.017194	3.021776
35	.431800	.450437	1.005105	1.000000	1.018541	3.024871
36	.444500	.450953	1.005316	1.000000	1.019327	3.026675
37	.457200	.451912	1.005709	1.000000	1.020786	3.030023
38	.469900	.452280	1.005859	1.000000	1.021348	3.031310
39	.482600	.452649	1.006009	1.000000	1.021909	3.032596
40	.495300	.453018	1.006160	1.000000	1.022470	3.033881
41	.508000	.453018	1.006160	1.000000	1.022470	3.033881
42	.533400	.452280	1.005859	1.000000	1.021348	3.031310
43	.558800	.453018	1.006160	1.000000	1.022470	3.033881

STATION X= 6.13 CM PTO= 23.473 N/SQ CM TTO=298.67K
R= 2.591 CM PWALL= 1.1819 N/SQ CM CF= .00175 PT =1.202
UE= 575.1 M/SEC RHOE=.00955 KG/CUB M RE= 19.124E6 /M
DELTA= .285 CM DELTA*= .0923 CM THETA= .0204 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.050354	.000000	1.000000	.448367	.000000
2	.012700	.092226	.536509	1.000000	.532998	.971479
3	.025400	.113098	.611095	1.000000	.564694	1.138961
4	.038100	.135371	.672285	1.000000	.597281	1.288654
5	.050800	.152481	.711115	1.000000	.621827	1.390809
6	.063500	.171656	.748744	1.000000	.649107	1.496183
7	.076200	.187144	.775391	1.000000	.670866	1.575185
8	.088900	.204107	.801649	1.000000	.694606	1.657092
9	.101600	.218857	.822623	1.000000	.715436	1.725756
10	.114300	.237295	.846235	1.000000	.741142	1.806903
11	.127000	.254258	.866007	1.000000	.764750	1.878341
12	.139700	.269746	.882648	1.000000	.786277	1.941193
13	.152400	.284496	.897393	1.000000	.806760	1.999162
14	.165100	.296509	.910508	1.000000	.826205	2.052677
15	.177800	.311784	.922380	1.000000	.844894	2.102830
16	.190500	.326534	.934629	1.000000	.865353	2.156398
17	.203200	.340547	.945597	1.000000	.884781	2.206060
18	.215900	.356035	.957033	1.000000	.906245	2.259658
19	.228600	.370785	.967310	1.000000	.926678	2.309529
20	.241300	.383323	.975613	1.000000	.944042	2.351075
21	.254000	.398073	.984912	1.000000	.964464	2.399020
22	.266700	.409136	.991577	1.000000	.979778	2.434351
23	.279400	.419461	.997572	1.000000	.994068	2.466864
24	.292100	.427942	1.002342	1.000000	1.005804	2.493251
25	.304800	.434211	1.005783	1.000000	1.014478	2.512574
26	.317500	.440111	1.008958	1.000000	1.022641	2.530625
27	.330200	.442324	1.010132	1.000000	1.025702	2.537360
28	.342900	.444905	1.011492	1.000000	1.029273	2.545195
29	.355600	.446012	1.012072	1.000000	1.030804	2.548546
30	.368300	.447265	1.012726	1.000000	1.032538	2.552338
31	.381000	.447855	1.013033	1.000000	1.033354	2.554120
32	.393700	.448298	1.013263	1.000000	1.033967	2.555456
33	.406400	.448814	1.013530	1.000000	1.034681	2.557014
34	.419100	.449552	1.013912	1.000000	1.035701	2.559238
35	.431800	.450068	1.014179	1.000000	1.036415	2.560793
36	.444500	.450658	1.014483	1.000000	1.037231	2.562570
37	.457200	.450805	1.014559	1.000000	1.037435	2.563013
38	.469900	.451174	1.014748	1.000000	1.037945	2.564123
39	.482600	.451027	1.014673	1.000000	1.037741	2.563679
40	.495300	.451395	1.014862	1.000000	1.038251	2.564788
41	.508000	.452133	1.015241	1.000000	1.039272	2.567005
42	.533400	.453387	1.015882	1.000000	1.041006	2.570770
43	.558800	.454714	1.016559	1.000000	1.042842	2.574749

ID NO. 22310-053

STATION X= 6.38 CM PTO= 23.473 N/SQ CM TTO=298.67K
R= 2.591 CM PWALL= 1.3616 N/SQ CM CF= .00170 PT [illegible]=1.463
UE= 557.0 M/SEC RHOE=.01023 KG/CUB M RE= 18.497E6 /M
DELTA= .247 CM DELTA*= .0824 CM THETA= .0194 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.058010	.000000	1.000000	.482586	.000000
2	.012700	.101592	.534723	1.000000	.566378	.931749
3	.025400	.117523	.592414	1.000000	.589662	1.053280
4	.038100	.136256	.647015	1.000000	.616018	1.175785
5	.050800	.156316	.694947	1.000000	.643350	1.290600
6	.063500	.176819	.736410	1.000000	.670811	1.396486
7	.076200	.195994	.770227	1.000000	.696328	1.488135
8	.088900	.215170	.799992	1.000000	.721504	1.573336
9	.101600	.233607	.825707	1.000000	.745616	1.650823
10	.114300	.252783	.850173	1.000000	.770884	1.728296
11	.127000	.272696	.873028	1.000000	.796822	1.804368
12	.139700	.293346	.894615	1.000000	.823673	1.879879
13	.152400	.309571	.910264	1.000000	.844744	1.937074
14	.165100	.328009	.926814	1.000000	.868665	2.000026
15	.177800	.346447	.942198	1.000000	.892566	2.061004
16	.190500	.364147	.956164	1.000000	.915802	2.118603
17	.203200	.381110	.968565	1.000000	.937780	2.171681
18	.215900	.399548	.981231	1.000000	.961659	2.227914
19	.228600	.415774	.991739	1.000000	.982664	2.276230
20	.241300	.426099	.998138	1.000000	.996026	2.306442
21	.254000	.431999	1.001700	1.000000	1.003661	2.323527
22	.266700	.433843	1.002799	1.000000	1.006047	2.328840
23	.279400	.435686	1.003892	1.000000	1.008432	2.334140
24	.292100	.437161	1.004762	1.000000	1.010341	2.338372
25	.304800	.438636	1.005627	1.000000	1.012249	2.342596
26	.317500	.440259	1.006575	1.000000	1.014348	2.347234
27	.330200	.441955	1.007561	1.000000	1.016543	2.352072
28	.342900	.443062	1.008201	1.000000	1.017974	2.355222
29	.355600	.443947	1.008711	1.000000	1.019119	2.357739
30	.368300	.445643	1.009685	1.000000	1.021313	2.362556
31	.381000	.447118	1.010528	1.000000	1.023222	2.366736
32	.393700	.448593	1.011367	1.000000	1.025130	2.370909
33	.406400	.449552	1.011911	1.000000	1.026370	2.373617
34	.419100	.450068	1.012202	1.000000	1.027038	2.375074
35	.431800	.450437	1.012411	1.000000	1.027515	2.376114
36	.444500	.450584	1.012494	1.000000	1.027705	2.376530
37	.457200	.451027	1.012743	1.000000	1.028278	2.377777
38	.469900	.451395	1.012951	1.000000	1.028755	2.378816
39	.482600	.451395	1.012951	1.000000	1.028755	2.378816
40	.495300	.451690	1.013117	1.000000	1.029136	2.379647
41	.508000	.452133	1.013365	1.000000	1.029709	2.380893
42	.533400	.453018	1.013862	1.000000	1.030853	2.383383
43	.558800	.454124	1.014480	1.000000	1.032284	2.386491

ID NO. 22310-054

STATION X= 6.89 CM PTO= 23.473 N/SQ CM TTO=298.67K
R= 2.591 CM PWALL= 1.5379 N/SQ CM CF= .00154 PT [illegible]=1.630
UE= 559.7 M/SEC RHOE=.01167 KG/CUB M RE= 21.429E6 /M
DELTA= .266 CM DELTA*= .0909 CM THETA= .0210 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.065520	.000000	1.000000	.477496	.000000
2	.012700	.115974	.536750	1.000000	.562113	.941302
3	.025400	.131093	.587763	1.000000	.582672	1.049444
4	.038100	.146876	.627219	1.000000	.601043	1.137409
5	.050800	.163912	.666302	1.000000	.621715	1.228887
6	.063500	.182719	.703387	1.000000	.643969	1.320298
7	.076200	.201894	.736374	1.000000	.666267	1.405943
8	.088900	.224389	.770805	1.000000	.692465	1.500335
9	.101600	.245039	.798675	1.000000	.716203	1.581005
10	.114300	.265321	.823368	1.000000	.739433	1.656147
11	.127000	.288921	.849614	1.000000	.766650	1.740064
12	.139700	.311046	.871686	1.000000	.791890	1.814420
13	.152400	.332066	.890899	1.000000	.815830	1.882232
14	.165100	.355297	.910409	1.000000	.842256	1.954356
15	.177800	.375210	.925868	1.000000	.864883	2.014062
16	.190500	.396598	.941323	1.000000	.889167	2.076231
17	.203200	.418724	.956372	1.000000	.914581	2.139356
18	.215900	.440111	.969784	1.000000	.938853	2.197954
19	.228600	.456337	.979385	1.000000	.957258	2.241368
20	.241300	.473300	.988940	1.000000	.976494	2.285860
21	.254000	.483625	.994529	1.000000	.988199	2.312516
22	.266700	.494688	1.000337	1.000000	1.000739	2.340734
23	.279400	.502063	1.004111	1.000000	1.009098	2.359356
24	.292100	.507225	1.006707	1.000000	1.014948	2.372303
25	.304800	.510175	1.008174	1.000000	1.018291	2.379670
26	.317500	.511650	1.008903	1.000000	1.019962	2.383344
27	.330200	.512240	1.009194	1.000000	1.020631	2.384812
28	.342900	.510913	1.008539	1.000000	1.019127	2.381508
29	.355600	.508553	1.007369	1.000000	1.016452	2.375621
30	.368300	.503169	1.004670	1.000000	1.010351	2.362136
31	.381000	.497638	1.001856	1.000000	1.004083	2.348201
32	.393700	.492328	.999113	1.000000	.998064	2.334743
33	.406400	.488050	.996874	1.000000	.993216	2.323845
34	.419100	.482887	.994135	1.000000	.987363	2.310622
35	.431800	.475512	.990151	1.000000	.979002	2.291598
36	.444500	.465167	.984429	1.000000	.967295	2.264692
37	.457200	.457812	.980235	1.000000	.958931	2.245273
38	.469900	.453756	.977889	1.000000	.954330	2.234519
39	.482600	.452280	.977029	1.000000	.952657	2.230595
40	.495300	.451838	.976770	1.000000	.952155	2.229417
41	.508000	.451617	.976640	1.000000	.951904	2.228828
42	.533400	.452133	.976943	1.000000	.952490	2.230203
43	.558800	.452797	.977330	1.000000	.953243	2.231969

ID NO. 22310-055

STATION X= 7.15 CM PTO= 23.473 N/SQ CM TTO=298.67K
R= 2.591 CM PWALL= 1.5510 N/SQ CM CF= .00154 PI[illegible]=1.574
UE= 563.9 M/SEC RHOE=.01197 KG/CUB M RE= 22.487E6 /M
DELTA= .274 CM DELTA*= .0930 CM THETA= .0212 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.066075	.000000	1.000000	.469607	.000000
2	.012700	.121136	.547543	1.000000	.558400	.972317
3	.025400	.138468	.597932	1.000000	.579495	1.081666
4	.038100	.153956	.636275	1.000000	.598017	1.169280
5	.050800	.169444	.669733	1.000000	.616204	1.249340
6	.063500	.187513	.703919	1.000000	.637024	1.335111
7	.076200	.206319	.735167	1.000000	.658323	1.417498
8	.088900	.226232	.764970	1.000000	.680959	1.500105
9	.101600	.247620	.793348	1.000000	.704935	1.582906
10	.114300	.271221	.821379	1.000000	.731289	1.669186
11	.127000	.293346	.845296	1.000000	.756185	1.746785
12	.139700	.315472	.866851	1.000000	.780796	1.820245
13	.152400	.338334	.887211	1.000000	.806186	1.893047
14	.165100	.359722	.904730	1.000000	.829908	1.958622
15	.177800	.383323	.922564	1.000000	.856058	2.028453
16	.190500	.407661	.939689	1.000000	.883292	2.098713
17	.203200	.426099	.951660	1.000000	.903706	2.149872
18	.215900	.449699	.966010	1.000000	.929822	2.213597
19	.228600	.470350	.977755	1.000000	.952663	2.267863
20	.241300	.483256	.984745	1.000000	.966934	2.301119
21	.254000	.498375	.992613	1.000000	.983648	2.339466
22	.266700	.509069	.997982	1.000000	.995467	2.366208
23	.279400	.515338	1.001057	1.000000	1.002395	2.381744
24	.292100	.519763	1.003196	1.000000	1.007285	2.392648
25	.304800	.522713	1.004609	1.000000	1.010544	2.399890
26	.317500	.524188	1.005310	1.000000	1.012174	2.403503
27	.330200	.524557	1.005486	1.000000	1.012582	2.404405
28	.342900	.525073	1.005730	1.000000	1.013152	2.405668
29	.355600	.524778	1.005590	1.000000	1.012826	2.404946
30	.368300	.524114	1.005275	1.000000	1.012093	2.403322
31	.381000	.523451	1.004960	1.000000	1.011359	2.401697
32	.393700	.522344	1.004433	1.000000	1.010137	2.398986
33	.406400	.521976	1.004257	1.000000	1.009729	2.398082
34	.419100	.525294	1.005835	1.000000	1.013396	2.406209
35	.431800	.562539	1.022639	1.000000	1.054539	2.495575
36	.444500	.588352	1.033387	1.000000	1.083044	2.555659
37	.457200	.587614	1.033089	1.000000	1.082230	2.553962
38	.469900	.580239	1.030083	1.000000	1.074086	2.536930
39	.482600	.572864	1.027021	1.000000	1.065942	2.519782
40	.495300	.566226	1.024217	1.000000	1.058611	2.504247
41	.508000	.557376	1.020405	1.000000	1.048837	2.483382
42	.533400	.535251	1.010488	1.000000	1.024397	2.430424
43	.558800	.529719	1.007918	1.000000	1.018286	2.417002

STATION X= 7.40 CM PTO= 23.473 N/SQ CM TTO=298.67K
R= 2.591 CM PWALL= 1.6350 N/SQ CM CF= .00136 PI[illegible]=1.651
UE= 580.1 M/SEC RHOE=.01350 KG/CUB M RE= 27.826E6 /M
DELTA= .333 CM DELTA*= .1162 CM THETA= .0247 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.069654	.000000	1.000000	.438838	.000000
2	.012700	.132568	.549220	1.000000	.528257	1.009359
3	.025400	.146212	.581847	1.000000	.541762	1.082904
4	.038100	.160594	.615038	1.000000	.557094	1.160762
5	.050800	.175344	.645001	1.000000	.572491	1.234018
6	.063500	.193782	.677948	1.000000	.591361	1.318255
7	.076200	.210744	.704776	1.000000	.608428	1.390057
8	.088900	.230657	.733368	1.000000	.628536	1.470156
9	.101600	.251308	.759759	1.000000	.649094	1.547770
10	.114300	.271221	.782818	1.000000	.668841	1.618821
11	.127000	.292977	.805983	1.000000	.690579	1.693594
12	.139700	.316209	.828260	1.000000	.713518	1.769074
13	.152400	.339072	.848272	1.000000	.736050	1.840203
14	.165100	.361935	.866648	1.000000	.758549	1.908585
15	.177800	.383323	.882543	1.000000	.779573	1.970340
16	.190500	.409136	.900263	1.000000	.804923	2.042318
17	.203200	.429766	.913589	1.000000	.825459	2.098820
18	.215900	.451912	.926783	1.000000	.847173	2.156955
19	.228600	.474037	.939140	1.000000	.868877	2.213535
20	.241300	.488787	.946954	1.000000	.883340	2.250450
21	.254000	.503538	.954452	1.000000	.897799	2.286760
22	.266700	.513125	.959167	1.000000	.907196	2.310051
23	.279400	.524926	.964806	1.000000	.918759	2.338393
24	.292100	.553689	.977844	1.000000	.946937	2.406061
25	.304800	.597940	.996150	1.000000	.990267	2.506557
26	.317500	.605683	.999156	1.000000	.997848	2.523728
27	.330200	.607527	.999864	1.000000	.999653	2.527799
28	.342900	.608855	1.000372	1.000000	1.000953	2.530726
29	.355600	.609224	1.000513	1.000000	1.001314	2.531538
30	.368300	.609371	1.000569	1.000000	1.001458	2.531863
31	.381000	.609371	1.000569	1.000000	1.001458	2.531863
32	.393700	.609519	1.000625	1.000000	1.001602	2.532188
33	.406400	.608412	1.000203	1.000000	1.000519	2.529750
34	.419100	.607896	1.000006	1.000000	1.000014	2.528612
35	.431800	.607527	.999864	1.000000	.999653	2.527799
36	.444500	.607527	.999864	1.000000	.999653	2.527799
37	.457200	.607527	.999864	1.000000	.999653	2.527799
38	.469900	.607159	.999723	1.000000	.999292	2.526985
39	.482600	.606052	.999298	1.000000	.998209	2.524542
40	.495300	.606052	.999298	1.000000	.998209	2.524542
41	.508000	.605093	.998929	1.000000	.997271	2.522424
42	.533400	.600890	.997302	1.000000	.993155	2.513112
43	.558800	.585402	.991162	1.000000	.977992	2.478501

STATION X= 7.65 CM PTO= 23.473 N/SQ CM TTO=298.67K
R= 2.591 CM PWALL= 2.0997 N/SQ CM CF= .00119 PT[illegible]=2.456
UE= 544.2 M/SEC RHOE=.01504 KG/CUB M RE= 25.437E6 /M
DELTA= .279 CM DELTA*= .1029 CM THETA= .0244 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.089452	.000000	1.000000	.506001	.000000
2	.012700	.129175	.449173	1.000000	.562016	.743977
3	.025400	.151006	.530357	1.000000	.587657	.898261
4	.038100	.167969	.577493	1.000000	.605806	.993083
5	.050800	.181244	.606313	1.000000	.618282	1.053325
6	.063500	.196732	.637823	1.000000	.633268	1.121414
7	.076200	.211482	.664647	1.000000	.647357	1.181860
8	.088900	.229182	.693643	1.000000	.663768	1.248580
9	.101600	.249095	.722892	1.000000	.682080	1.319056
10	.114300	.269008	.749113	1.000000	.700074	1.384813
11	.127000	.292240	.777152	1.000000	.721167	1.458128
12	.139700	.321372	.808284	1.000000	.747219	1.543880
13	.152400	.359722	.844605	1.000000	.781345	1.649480
14	.165100	.398073	.876614	1.000000	.815623	1.749142
15	.177800	.429786	.900132	1.000000	.843696	1.826718
16	.190500	.465187	.923929	1.000000	.874979	1.909455
17	.203200	.493950	.941621	1.000000	.900364	1.974046
18	.215900	.525663	.959644	1.000000	.928326	2.042830
19	.228600	.548526	.971777	1.000000	.948469	2.090981
20	.241300	.572127	.983800	1.000000	.969580	2.140282
21	.254000	.588352	.991570	1.000000	.983874	2.173027
22	.266700	.599415	.996704	1.000000	.993617	2.195068
23	.279400	.606790	1.000057	1.000000	1.000111	2.209638
24	.292100	.611215	1.002042	1.000000	1.004008	2.218332
25	.304800	.614755	1.003616	1.000000	1.007125	2.225264
26	.317500	.617115	1.004659	1.000000	1.009202	2.229872
27	.330200	.618590	1.005308	1.000000	1.010501	2.232748
28	.342900	.619696	1.005793	1.000000	1.011475	2.234902
29	.355600	.620434	1.006116	1.000000	1.012124	2.236337
30	.368300	.620803	1.006278	1.000000	1.012449	2.237054
31	.381000	.620803	1.006278	1.000000	1.012449	2.237054
32	.393700	.620139	1.005987	1.000000	1.011864	2.235763
33	.406400	.620065	1.005955	1.000000	1.011799	2.235619
34	.419100	.619918	1.005890	1.000000	1.011670	2.235332
35	.431800	.618811	1.005405	1.000000	1.010696	2.233179
36	.444500	.618074	1.005081	1.000000	1.010046	2.231742
37	.457200	.617852	1.004984	1.000000	1.009852	2.231310
38	.469900	.617852	1.004984	1.000000	1.009852	2.231310
39	.482600	.617115	1.004659	1.000000	1.009202	2.229872
40	.495300	.617115	1.004659	1.000000	1.009202	2.229872
41	.508000	.616377	1.004334	1.000000	1.008553	2.228433
42	.533400	.614902	1.003682	1.000000	1.007254	2.225552
43	.558800	.612542	1.002634	1.000000	1.005176	2.220934

STATION X= 7.91 CM PTO= 23.473 N/SQ CM TTO=298.67K
R= 2.591 CM PWALL= 2.4495 N/SQ CM CF= .00169 PT =1.482
UE= 518.9 M/SEC RHOE=.01612 KG/CUB M RE= 24.053E6 /M
DELTA= .274 CM DELTA*= .0822 CM THETA= .0229 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.104355	.000000	1.000000	.550875	.000000
2	.012700	.186931	.579486	1.000000	.648712	.942348
3	.025400	.194888	.603259	1.000000	.658505	.988383
4	.038100	.210376	.634521	1.000000	.672476	1.050575
5	.050800	.229182	.668394	1.000000	.689151	1.120294
6	.063500	.252783	.706355	1.000000	.709968	1.201668
7	.076200	.279333	.743469	1.000000	.732805	1.285023
8	.088900	.306621	.777392	1.000000	.756097	1.364806
9	.101600	.336122	.810099	1.000000	.781098	1.445550
10	.114300	.361197	.835040	1.000000	.802055	1.509912
11	.127000	.387748	.859248	1.000000	.824160	1.574951
12	.139700	.407661	.876115	1.000000	.840694	1.621895
13	.152400	.425361	.890282	1.000000	.855365	1.662439
14	.165100	.440111	.901802	1.000000	.867861	1.696207
15	.177800	.460762	.916811	1.000000	.884952	1.741333
16	.190500	.488787	.935891	1.000000	.908113	1.800684
17	.203200	.510913	.950010	1.000000	.926375	1.846137
18	.215900	.535988	.965105	1.000000	.947053	1.896286
19	.228600	.557376	.977285	1.000000	.964675	1.938001
20	.241300	.573602	.986131	1.000000	.978036	1.969039
21	.254000	.587614	.993515	1.000000	.989569	1.995445
22	.266700	.596833	.998249	1.000000	.997155	2.012624
23	.279400	.603102	1.001414	1.000000	1.002313	2.024220
24	.292100	.609062	1.004354	1.000000	1.007166	2.035072
25	.304800	.612690	1.006173	1.000000	1.010199	2.041824
26	.317500	.615640	1.007617	1.000000	1.012625	2.047210
27	.330200	.617705	1.008623	1.000000	1.014323	2.050971
28	.342900	.618811	1.009160	1.000000	1.015233	2.052983
29	.355600	.620065	1.009767	1.000000	1.016264	2.055261
30	.368300	.620655	1.010052	1.000000	1.016749	2.056332
31	.381000	.620286	1.009874	1.000000	1.016446	2.055663
32	.393700	.621540	1.010479	1.000000	1.017477	2.057937
33	.406400	.621909	1.010657	1.000000	1.017780	2.058606
34	.419100	.623015	1.011189	1.000000	1.018690	2.060610
35	.431800	.623753	1.011543	1.000000	1.019297	2.061945
36	.444500	.624859	1.012074	1.000000	1.020206	2.063947
37	.457200	.625228	1.012250	1.000000	1.020509	2.064613
38	.469900	.625965	1.012603	1.000000	1.021116	2.065946
39	.482600	.627440	1.013306	1.000000	1.022329	2.068608
40	.495300	.627071	1.013130	1.000000	1.022025	2.067943
41	.508000	.625965	1.012603	1.000000	1.021116	2.065946
42	.533400	.625228	1.012250	1.000000	1.020509	2.064613
43	.558800	.624490	1.011897	1.000000	1.019903	2.063280

STATION X= 8.16 CM PTO= 23.473 N/SQ CM TTO=298.67K
R= 2.591 CM PWALL= 2.6896 N/SQ CM CF= .00144 PI = 2.024
UE= 520.7 M/SEC RHOE=.01780 KG/CUB M RE= 26.791E6 /M
DELTA= .226 CM DELTA*= .0752 CM THETA= .0198 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.114583	.000000	1.000000	.547743	.000000
2	.012700	.194519	.557041	1.000000	.637157	.903440
3	.025400	.207057	.586444	1.000000	.648630	.959653
4	.038100	.221955	.619170	1.000000	.662632	1.024083
5	.050800	.238770	.645117	1.000000	.674742	1.076704
6	.063500	.263108	.683575	1.000000	.694513	1.157485
7	.076200	.289659	.720023	1.000000	.715504	1.237489
8	.088900	.317684	.753944	1.000000	.737281	1.315359
9	.101600	.352347	.790771	1.000000	.763729	1.404138
10	.114300	.395123	.830867	1.000000	.796382	1.506542
11	.127000	.437161	.865169	1.000000	.828060	1.599635
12	.139700	.482887	.898432	1.000000	.862659	1.695484
13	.152400	.528613	.927788	1.000000	.896908	1.785301
14	.165100	.572864	.953317	1.000000	.929981	1.867943
15	.177800	.609740	.972752	1.000000	.957503	1.934021
16	.190500	.645509	.990212	1.000000	.984171	1.995964
17	.203200	.665053	.999231	1.000000	.998733	2.028989
18	.215900	.674641	1.003530	1.000000	1.005874	2.044990
19	.228600	.662103	.997892	1.000000	.996535	2.024040
20	.241300	.625228	.980470	1.000000	.969053	1.961089
21	.254000	.578764	.956532	1.000000	.934387	1.878677
22	.266700	.560326	.946343	1.000000	.920616	1.844918
23	.279400	.561801	.947174	1.000000	.921718	1.847642
24	.292100	.568808	.951082	1.000000	.926952	1.860526
25	.304800	.579133	.956732	1.000000	.934662	1.879346
26	.317500	.588573	.961786	1.000000	.941709	1.896383
27	.330200	.595727	.965548	1.000000	.947048	1.909190
28	.342900	.601627	.968607	1.000000	.951451	1.919685
29	.355600	.606790	.971253	1.000000	.955302	1.928821
30	.368300	.611952	.973870	1.000000	.959153	1.937912
31	.381000	.616009	.975906	1.000000	.962178	1.945024
32	.393700	.618221	.977009	1.000000	.963828	1.948892
33	.406400	.620655	.978217	1.000000	.965643	1.953138
34	.419100	.622425	.979092	1.000000	.966963	1.956219
35	.431800	.624490	.980108	1.000000	.968503	1.959809
36	.444500	.625449	.980579	1.000000	.969218	1.961473
37	.457200	.627293	.981481	1.000000	.970593	1.964669
38	.469900	.627661	.981661	1.000000	.970867	1.965308
39	.482600	.628178	.981913	1.000000	.971252	1.966201
40	.495300	.629653	.982630	1.000000	.972352	1.968752
41	.508000	.630906	.983239	1.000000	.973287	1.970918
42	.533400	.632013	.983774	1.000000	.974111	1.972827
43	.558800	.632603	.984060	1.000000	.974551	1.973844

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STATION X= 8.42 CM PTO= 23.473 N/SQ CM TTO=298.67K
R= 2.591 CM PWALL= 2.8988 N/SQ CM CF= .00141 PT[illegible]=2.066
UE= 517.9 M/SEC RHOE=.01901 KG/CUB M RE= 28.238E6 /M
DELTA= .232 CM DELTA*= .0775 CM THETA= .0207 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.123495	.000000	1.000000	.552626	.000000
2	.012700	.202632	.543045	1.000000	.636615	.871723
3	.025400	.218857	.580634	1.000000	.650781	.942375
4	.038100	.236557	.617574	1.000000	.666318	1.014224
5	.050800	.254995	.645034	1.000000	.679017	1.069368
6	.063500	.277121	.678225	1.000000	.695817	1.138219
7	.076200	.302934	.712425	1.000000	.714970	1.211957
8	.068900	.336122	.751605	1.000000	.739124	1.298989
9	.101600	.369310	.785190	1.000000	.763102	1.379973
10	.114300	.407661	.820257	1.000000	.790598	1.467345
11	.127000	.454124	.857400	1.000000	.823439	1.565322
12	.139700	.494688	.886224	1.000000	.851982	1.645746
13	.152400	.547789	.920105	1.000000	.889530	1.745911
14	.165100	.588352	.943171	1.000000	.917940	1.818034
15	.177800	.627440	.963579	1.000000	.945274	1.884823
16	.190500	.661366	.980022	1.000000	.968971	1.940866
17	.203200	.684229	.990504	1.000000	.984928	1.977711
18	.215900	.696767	.996061	1.000000	.993676	1.997620
19	.228600	.704879	.999589	1.000000	.999335	2.010394
20	.241300	.707092	1.000542	1.000000	1.000878	2.013864
21	.254000	.708567	1.001175	1.000000	1.001907	2.016173
22	.266700	.708862	1.001301	1.000000	1.002112	2.016635
23	.279400	.709599	1.001617	1.000000	1.002627	2.017788
24	.292100	.709304	1.001491	1.000000	1.002421	2.017327
25	.304800	.708567	1.001175	1.000000	1.001907	2.016173
26	.317500	.702667	.998632	1.000000	.997792	2.006919
27	.330200	.682754	.989841	1.000000	.983899	1.975355
28	.342900	.625228	.962467	1.000000	.943727	1.881108
29	.355600	.588352	.943171	1.000000	.917940	1.818034
30	.368300	.580977	.939128	1.000000	.912778	1.805144
31	.381000	.585402	.941562	1.000000	.915875	1.812889
32	.393700	.590564	.944371	1.000000	.919488	1.821882
33	.406400	.597202	.947939	1.000000	.924132	1.833377
34	.419100	.604577	.951845	1.000000	.929290	1.846062
35	.431800	.610477	.954926	1.000000	.933416	1.856145
36	.444500	.615271	.957402	1.000000	.936768	1.864296
37	.457200	.618590	.959102	1.000000	.939088	1.869917
38	.469900	.622278	.960977	1.000000	.941666	1.876143
39	.482600	.623753	.961724	1.000000	.942697	1.878627
40	.495300	.626703	.963209	1.000000	.944758	1.883585
41	.508000	.628915	.964317	1.000000	.946305	1.887295
42	.533400	.632603	.966154	1.000000	.948881	1.893462
43	.558800	.632972	.966337	1.000000	.949139	1.894077

ID NO. 22310-061

STATION X= 8.67 CM PTO= 23.473 N/SQ CM TTO=298.67K
R= 2.591 CM PWALL= 3.0874 N/SQ CM CF= .00142 PI[illegible]=2.057
UE= 510.9 M/SEC RHOE=.01981 KG/CUB M RE= 28.474E6 /M
DELTA= .235 CM DELTA*= .0774 CM THETA= .0213 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.131531	.000000	1.000000	.564701	.000000
2	.012700	.210007	.536160	1.000000	.645472	.845673
3	.025400	.227707	.577409	1.000000	.660569	.921324
4	.038100	.246883	.615619	1.000000	.676006	.992734
5	.050800	.267533	.647593	1.000000	.690812	1.056700
6	.063500	.288921	.678999	1.000000	.706486	1.120445
7	.076200	.317684	.716381	1.000000	.727142	1.199285
8	.088900	.350872	.753937	1.000000	.750367	1.282158
9	.101600	.379635	.783169	1.000000	.770389	1.349522
10	.114300	.420567	.820267	1.000000	.798599	1.439093
11	.127000	.461499	.852946	1.000000	.826417	1.522266
12	.139700	.503538	.883026	1.000000	.854854	1.602834
13	.152400	.550739	.913600	1.000000	.886958	1.689183
14	.165100	.592039	.937607	1.000000	.914753	1.760524
15	.177800	.632603	.959233	1.000000	.942002	1.827761
16	.190500	.662103	.973893	1.000000	.961794	1.875088
17	.203200	.689391	.986733	1.000000	.980087	1.917790
18	.215900	.705617	.994063	1.000000	.990957	1.942722
19	.228600	.715942	.998616	1.000000	.997872	1.958417
20	.241300	.721104	1.000861	1.000000	1.001329	1.966216
21	.254000	.723317	1.001816	1.000000	1.002811	1.969549
22	.266700	.724792	1.002451	1.000000	1.003798	1.971767
23	.279400	.725530	1.002768	1.000000	1.004292	1.972876
24	.292100	.725382	1.002705	1.000000	1.004193	1.972654
25	.304800	.724423	1.002293	1.000000	1.003551	1.971213
26	.317500	.722948	1.001657	1.000000	1.002564	1.968994
27	.330200	.722580	1.001498	1.000000	1.002317	1.968438
28	.342900	.722211	1.001339	1.000000	1.002070	1.967883
29	.355600	.722580	1.001498	1.000000	1.002317	1.968438
30	.368300	.721104	1.000861	1.000000	1.001329	1.966216
31	.381000	.720219	1.000477	1.000000	1.000736	1.964881
32	.393700	.718892	.999901	1.000000	.999848	1.962877
33	.406400	.718007	.999516	1.000000	.999255	1.961540
34	.419100	.715942	.998616	1.000000	.997872	1.958417
35	.431800	.702667	.992747	1.000000	.988981	1.938213
36	.444500	.648828	.967401	1.000000	.952890	1.853946
37	.457200	.605315	.944884	1.000000	.923676	1.782820
38	.469900	.595875	.939730	1.000000	.917332	1.766995
39	.482600	.596833	.940258	1.000000	.917976	1.768609
40	.495300	.599046	.941472	1.000000	.919463	1.772328
41	.508000	.603840	.944085	1.000000	.922685	1.780357
42	.533400	.606790	.945680	1.000000	.924667	1.785279
43	.558800	.600521	.942279	1.000000	.920454	1.774802

ID NO. 22310-062

STATION X= 8.92 CM PTO= 23.473 N/SQ CM TTO=298.67K
R= 2.591 CM PWALL= 3.2314 N/SQ CM CF= .00144 PI[illegible]=2.047
UE= 505.1 M/SEC RHOE=.02039 KG/CUB M RE= 28.526E6 /M
DELTA= .237 CM DELTA*= .0769 CM THETA= .0217 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.137668	.000000	1.000000	.574459	.000000
2	.012700	.218120	.538084	1.000000	.655184	.838218
3	.025400	.234345	.575624	1.000000	.668754	.905936
4	.038100	.254258	.614683	1.000000	.684519	.978746
5	.050800	.274171	.649987	1.000000	.700375	1.046878
6	.063500	.300721	.684586	1.000000	.717566	1.116052
7	.076200	.322109	.711958	1.000000	.732448	1.172651
8	.088900	.352347	.746965	1.000000	.753323	1.247718
9	.101600	.386642	.782027	1.000000	.776555	1.326276
10	.114300	.433474	.823770	1.000000	.807699	1.424809
11	.127000	.465924	.849918	1.000000	.829417	1.489667
12	.139700	.505750	.878783	1.000000	.855649	1.564426
13	.152400	.557376	.912321	1.000000	.889518	1.655964
14	.165100	.597940	.936367	1.000000	.916360	1.725064
15	.177800	.636290	.957081	1.000000	.941423	1.787174
16	.190500	.669478	.973782	1.000000	.963082	1.839160
17	.203200	.691604	.984347	1.000000	.977508	1.872985
18	.215900	.712254	.993827	1.000000	.990965	1.903994
19	.228600	.721842	.998110	1.000000	.997210	1.918215
20	.241300	.727742	1.000709	1.000000	1.001052	1.926913
21	.254000	.729807	1.001613	1.000000	1.002397	1.929947
22	.266700	.731061	1.002160	1.000000	1.003213	1.931787
23	.279400	.731798	1.002481	1.000000	1.003693	1.932869
24	.292100	.731798	1.002481	1.000000	1.003693	1.932869
25	.304800	.730692	1.001999	1.000000	1.002973	1.931246
26	.317500	.730692	1.001999	1.000000	1.002973	1.931246
27	.330200	.729217	1.001355	1.000000	1.002013	1.929081
28	.342900	.727742	1.000709	1.000000	1.001052	1.926913
29	.355600	.727373	1.000547	1.000000	1.000812	1.926370
30	.368300	.727005	1.000386	1.000000	1.000572	1.925828
31	.381000	.724792	.999413	1.000000	.999131	1.922569
32	.393700	.719998	.997292	1.000000	.996009	1.915489
33	.406400	.714098	.994656	1.000000	.992166	1.906737
34	.419100	.707829	.991825	1.000000	.988082	1.897393
35	.431800	.700823	.988623	1.000000	.983517	1.886893
36	.444500	.691604	.984347	1.000000	.977508	1.872985
37	.457200	.684966	.981223	1.000000	.973182	1.862904
38	.469900	.677591	.977707	1.000000	.968373	1.851637
39	.482600	.668741	.973423	1.000000	.962601	1.838021
40	.495300	.659891	.969066	1.000000	.956828	1.824300
41	.508000	.650672	.964450	1.000000	.950812	1.809892
42	.533400	.628915	.953221	1.000000	.936606	1.775406
43	.558800	.540413	.901736	1.000000	.878404	1.626493

STATION X= 9.18 CM PTO= 23.473 N/SQ CM TTO=298.67K
R= 2.591 CM PWALL= 3.2829 N/SQ CM CF= .00155 PT =1.818
UE= 501.4 M/SEC RHOE=.02049 KG/CUB M RE= 28.189E6 /M
DELTA= .241 CM DELTA*= .0745 CM THETA= .0216 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.139859	.000000	1.000000	.580672	.000000
2	.012700	.228814	.559370	1.000000	.668366	.868966
3	.025400	.248358	.600708	1.000000	.684202	.944174
4	.038100	.266058	.635165	1.000000	.698907	1.009003
5	.050800	.287446	.664248	1.000000	.712497	1.065412
6	.063500	.309571	.695180	1.000000	.728253	1.127287
7	.076200	.333909	.725418	1.000000	.745086	1.189838
8	.088900	.367098	.762049	1.000000	.767589	1.268655
9	.101600	.400286	.794821	1.000000	.789930	1.342332
10	.114300	.434211	.824724	1.000000	.812372	1.412481
11	.127000	.469612	.853359	1.000000	.835937	1.482569
12	.139700	.512388	.884300	1.000000	.863979	1.561879
13	.152400	.555164	.912242	1.000000	.891913	1.637070
14	.165100	.595727	.936668	1.000000	.918633	1.705897
15	.177800	.632603	.956929	1.000000	.942625	1.765409
16	.190500	.658416	.970255	1.000000	.959397	1.805849
17	.203200	.690129	.985755	1.000000	.979982	1.854276
18	.215900	.707092	.993681	1.000000	.990984	1.879648
19	.228600	.717417	.998388	1.000000	.997679	1.894919
20	.241300	.721104	1.000048	1.000000	1.000069	1.900343
21	.254000	.722211	1.000544	1.000000	1.000786	1.901967
22	.266700	.719629	.999385	1.000000	.999113	1.898175
23	.279400	.717417	.998388	1.000000	.997679	1.894919
24	.292100	.712992	.996381	1.000000	.994810	1.888390
25	.304800	.708567	.994359	1.000000	.991941	1.881837
26	.317500	.701560	.991123	1.000000	.987397	1.871413
27	.330200	.696029	.988540	1.000000	.983809	1.863141
28	.342900	.689760	.985580	1.000000	.979743	1.853720
29	.355600	.684229	.982940	1.000000	.976154	1.845366
30	.368300	.678329	.980095	1.000000	.972325	1.836411
31	.381000	.672429	.977218	1.000000	.968495	1.827411
32	.393700	.664685	.973393	1.000000	.963468	1.815528
33	.406400	.656572	.969325	1.000000	.958200	1.802991
34	.419100	.649197	.965572	1.000000	.953409	1.791515
35	.431800	.643665	.962722	1.000000	.949815	1.782858
36	.444500	.635922	.958680	1.000000	.944782	1.770663
37	.457200	.627440	.954182	1.000000	.939269	1.757205
38	.469900	.619696	.950008	1.000000	.934233	1.744822
39	.482600	.611584	.945566	1.000000	.928955	1.731750
40	.495300	.604430	.941587	1.000000	.924299	1.720137
41	.508000	.596096	.936878	1.000000	.918874	1.706503
42	.533400	.582821	.929205	1.000000	.910226	1.684545
43	.558800	.565784	.918772	1.000000	.898835	1.655175

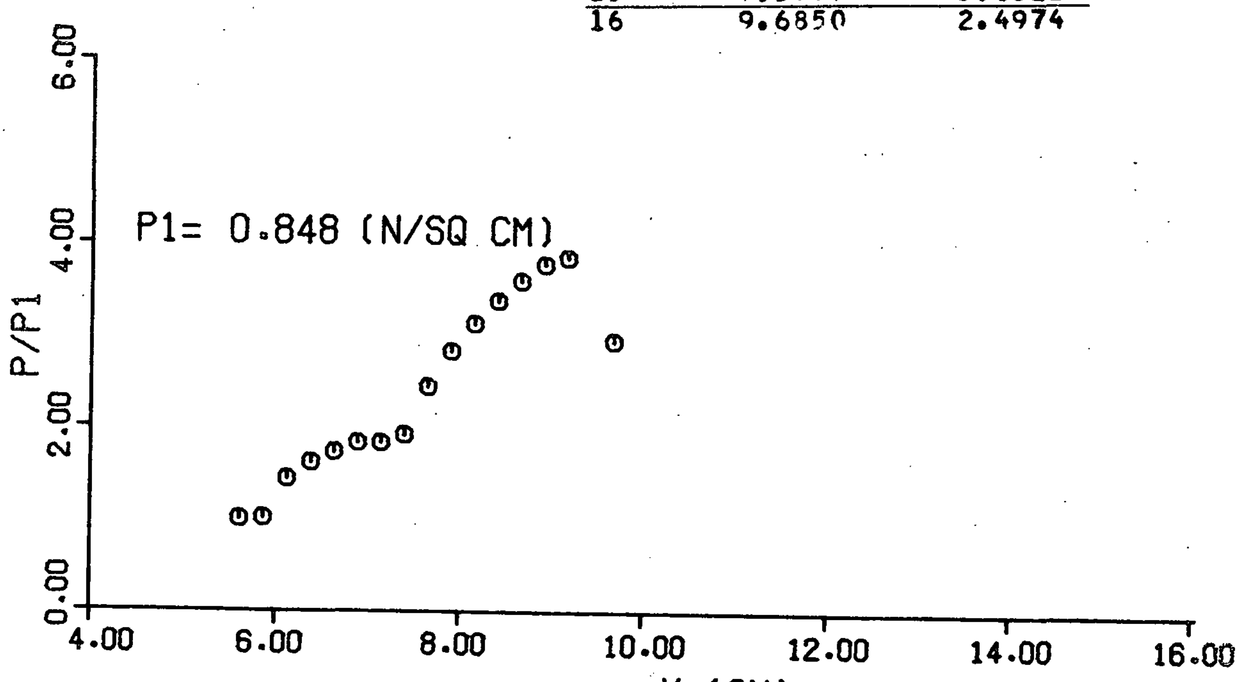
STATION X= 9.69 CM PTO= 23.473 N/SQ CM TTO=298.67K
R= 2.591 CM PWALL= 2.5112 N/SQ CM CF= .00218 PI[illegible]= .717
UE= 518.0 M/SEC RHOE=.01647 KG/CUB M RE= 24.478E6 /M
DELTA= .290 CM DELTA*= .0669 CM THETA= .0196 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.106985	.000000	1.000000	.552491	.000000
2	.012700	.240983	.679552	1.000000	.696408	1.141242
3	.025400	.265321	.716379	1.000000	.717206	1.220922
4	.038100	.285233	.743377	1.000000	.734010	1.281690
5	.050800	.303671	.766410	1.000000	.749507	1.335279
6	.063500	.320634	.785846	1.000000	.763490	1.381852
7	.076200	.338334	.804827	1.000000	.778017	1.428631
8	.088900	.359722	.826529	1.000000	.795771	1.483800
9	.101600	.381110	.846430	1.000000	.812223	1.536098
10	.114300	.401023	.863773	1.000000	.829427	1.583113
11	.127000	.422411	.881267	1.000000	.846794	1.631996
12	.139700	.443799	.897964	1.000000	.864408	1.680123
13	.152400	.470350	.917064	1.000000	.885911	1.737071
14	.165100	.491000	.931017	1.000000	.902612	1.780044
15	.177800	.513863	.945632	1.000000	.921081	1.826392
16	.190500	.535251	.958581	1.000000	.938343	1.868669
17	.203200	.557376	.971302	1.000000	.956185	1.911385
18	.215900	.569914	.978228	1.000000	.966290	1.935159
19	.228600	.586139	.986906	1.000000	.979361	1.965486
20	.241300	.594990	.991509	1.000000	.986489	1.981826
21	.254000	.603102	.995652	1.000000	.993020	1.996684
22	.266700	.609002	.998619	1.000000	.997770	2.007419
23	.279400	.610477	.999355	1.000000	.998957	2.010094
24	.292100	.611879	1.000053	1.000000	1.000085	2.012631
25	.304800	.611215	.999723	1.000000	.999551	2.011430
26	.317500	.609002	.998619	1.000000	.997770	2.007419
27	.330200	.606052	.997140	1.000000	.995395	2.002059
28	.342900	.603102	.995652	1.000000	.993020	1.996684
29	.355600	.600890	.994529	1.000000	.991239	1.992643
30	.368300	.596833	.992457	1.000000	.987973	1.985213
31	.381000	.592777	.990367	1.000000	.984707	1.977754
32	.393700	.588721	.988258	1.000000	.981440	1.970266
33	.406400	.585549	.986595	1.000000	.978886	1.964392
34	.419100	.581346	.984374	1.000000	.975500	1.956576
35	.431800	.576920	.982014	1.000000	.971935	1.948315
36	.444500	.572864	.979829	1.000000	.968667	1.940710
37	.457200	.568808	.977625	1.000000	.965399	1.933074
38	.469900	.564014	.974993	1.000000	.961535	1.924009
39	.482600	.558851	.972127	1.000000	.957374	1.914198
40	.495300	.553689	.969227	1.000000	.953213	1.904335
41	.508000	.548526	.966292	1.000000	.949050	1.894418
42	.533400	.537463	.959883	1.000000	.940128	1.872986
43	.558800	.526401	.953303	1.000000	.931202	1.851296

ID NO. 22310-065

PTO=	23.5480 N/SQ CM
TTO=	298.1111 K
PBAR=	758.8000 MMHG
TMAN=	300.3333 K

I	X(CM)	P(N/SQ CM)
1	5.6210	.8479
2	5.8750	.8581
3	6.1290	1.2217
4	6.3830	1.3691
5	6.6370	1.4651
6	6.8910	1.5492
7	7.1450	1.5516
8	7.3990	1.6256
9	7.6530	2.0687
10	7.9070	2.3945
11	8.1610	2.6483
12	8.4150	2.8589
13	8.6690	3.0461
14	8.9230	3.1970
15	9.1770	3.2621
16	9.6850	2.4974



ID NO. 22310 -065

STATION X= 5.62 CM PTO= 23.489 N/SQ CM TTO=299.78K
R= 2.591 CM PWALL= .8479 N/SQ CM CF= .00167 PI [illegible]= .776
UE= 622.5 M/SEC RHOE=.00859 KG/CUB M RE= 23.245E6 /M
DELTA= .406 CM DELTA*= .1233 CM THETA= .0216 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.036098	.000000	1.000000	.356205	.000000
2	.012700	.091056	.602816	1.000000	.464987	1.235703
3	.025400	.114493	.672126	1.000000	.502289	1.431977
4	.038100	.133213	.715740	1.000000	.531495	1.568606
5	.050800	.147585	.744436	1.000000	.553785	1.665354
6	.063500	.160114	.766996	1.000000	.573353	1.745875
7	.076200	.170801	.784402	1.000000	.589860	1.811015
8	.088900	.181856	.801024	1.000000	.606910	1.875928
9	.101600	.192542	.815913	1.000000	.623372	1.936539
10	.114300	.203597	.830238	1.000000	.640386	1.997248
11	.127000	.215758	.844871	1.000000	.659084	2.061910
12	.139700	.226813	.857423	1.000000	.676297	2.119691
13	.152400	.238605	.869784	1.000000	.694420	2.178871
14	.165100	.249661	.880650	1.000000	.711402	2.232901
15	.177800	.262190	.892201	1.000000	.730640	2.292571
16	.190500	.273245	.901781	1.000000	.747608	2.343941
17	.203200	.285774	.912010	1.000000	.766832	2.400814
18	.215900	.295355	.919419	1.000000	.781529	2.443401
19	.228600	.305673	.927028	1.000000	.797353	2.488439
20	.241300	.317465	.935290	1.000000	.815434	2.538922
21	.254000	.329257	.943124	1.000000	.833511	2.588410
22	.266700	.339576	.949654	1.000000	.849325	2.630942
23	.279400	.355790	.959460	1.000000	.874454	2.697144
24	.292100	.383796	.974769	1.000000	.917387	2.806640
25	.304800	.405906	.985728	1.000000	.951273	2.890135
26	.317500	.414750	.989863	1.000000	.964826	2.922861
27	.330200	.420646	.992547	1.000000	.973860	2.944475
28	.342900	.425805	.994848	1.000000	.981765	2.963258
29	.355600	.429122	.996306	1.000000	.986847	2.975269
30	.368300	.431702	.997428	1.000000	.990799	2.984578
31	.381000	.433544	.998223	1.000000	.993622	2.991209
32	.393700	.435387	.999013	1.000000	.996445	2.997825
33	.406400	.437745	1.000016	1.000000	1.000059	3.006273
34	.419100	.439809	1.000888	1.000000	1.003220	3.013645
35	.431800	.442020	1.001814	1.000000	1.006608	3.021524
36	.444500	.443494	1.002428	1.000000	1.008866	3.026765
37	.457200	.444083	1.002673	1.000000	1.009769	3.028859
38	.469900	.445189	1.003130	1.000000	1.011463	3.032781
39	.482600	.446810	1.003798	1.000000	1.013947	3.038524
40	.495300	.447916	1.004251	1.000000	1.015641	3.042433
41	.508000	.449758	1.005003	1.000000	1.018463	3.048938
42	.533400	.453443	1.006491	1.000000	1.024109	3.061906
43	.558800	.454549	1.006935	1.000000	1.025802	3.065785

ID NO. 22310-067

STATION X= 5.88 CM PTO= 23.489 N/SQ CM TTO=299.78K
R= 2.591 CM PWALL= .8582 N/SQ CM CF= .00165 PI = .888
UE= 621.4 M/SEC RHOE=.00864 KG/CUB M RE= 23.187E6 /M
DELTA= .351 CM DELTA*= .1124 CM THETA= .0197 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.036536	.000000	1.000000	.358480	.000000
2	.012700	.090835	.599101	1.000000	.465713	1.222974
3	.025400	.116262	.674275	1.000000	.506088	1.434854
4	.038100	.133213	.713581	1.000000	.532391	1.557457
5	.050800	.148690	.744478	1.000000	.556267	1.660930
6	.063500	.160851	.766321	1.000000	.575162	1.738455
7	.076200	.171169	.783137	1.000000	.591012	1.800915
8	.088900	.181487	.798726	1.000000	.606839	1.861196
9	.101600	.191437	.812729	1.000000	.622083	1.917466
10	.114300	.202492	.827234	1.000000	.639005	1.978054
11	.127000	.216127	.843771	1.000000	.659856	2.050248
12	.139700	.227550	.856766	1.000000	.677536	2.109531
13	.152400	.245607	.875397	1.000000	.705128	2.198856
14	.165100	.265875	.894225	1.000000	.736075	2.294908
15	.177800	.285774	.910887	1.000000	.766440	2.385399
16	.190500	.302725	.923854	1.000000	.792294	2.459825
17	.203200	.316728	.933817	1.000000	.813645	2.519631
18	.215900	.332205	.944123	1.000000	.837238	2.584106
19	.228600	.346946	.953314	1.000000	.859702	2.644036
20	.241300	.361686	.962060	1.000000	.882446	2.703360
21	.254000	.374952	.969405	1.000000	.902668	2.755034
22	.266700	.388955	.976753	1.000000	.924011	2.808540
23	.279400	.401484	.983000	1.000000	.943105	2.855558
24	.292100	.412539	.988275	1.000000	.959951	2.896407
25	.304800	.420646	.992009	1.000000	.972303	2.925998
26	.317500	.428017	.995311	1.000000	.983532	2.952640
27	.330200	.432807	.997411	1.000000	.990831	2.969829
28	.342900	.437229	.999319	1.000000	.997568	2.985607
29	.355600	.439809	1.000418	1.000000	1.001498	2.994772
30	.368300	.442757	1.001662	1.000000	1.005989	3.005212
31	.381000	.446073	1.003047	1.000000	1.011041	3.016914
32	.393700	.447547	1.003657	1.000000	1.013286	3.022100
33	.406400	.449390	1.004415	1.000000	1.016093	3.028570
34	.419100	.450495	1.004868	1.000000	1.017777	3.032446
35	.431800	.451601	1.005320	1.000000	1.019461	3.036316
36	.444500	.452706	1.005769	1.000000	1.021145	3.040182
37	.457200	.453075	1.005919	1.000000	1.021707	3.041469
38	.469900	.454401	1.006455	1.000000	1.023728	3.046099
39	.482600	.454180	1.006366	1.000000	1.023391	3.045328
40	.495300	.454180	1.006366	1.000000	1.023391	3.045328
41	.508000	.454401	1.006455	1.000000	1.023728	3.046099
42	.533400	.453812	1.006217	1.000000	1.022830	3.044042
43	.558800	.453664	1.006157	1.000000	1.022605	3.043528

STATION X= 6.13 CM PTO= 23.489 N/SQ CM TTO=299.7RK
R= 2.591 CM PWALL= 1.2217 N/SQ CM CF= .00171 PI[illegible]=1.289
UE= 572.5 M/SEC RHOE=.00969 KG/CUB M RE= 18.949E6 /M
DELTA= .287 CM DELTA*= .0941 CM THETA= .0210 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.052013	.000000	1.000000	.455428	.000000
2	.012700	.090614	.518967	1.000000	.533705	.927028
3	.025400	.111103	.597186	1.000000	.565195	1.097771
4	.038100	.133139	.660347	1.000000	.597255	1.247829
5	.050800	.151638	.703458	1.000000	.623433	1.358113
6	.063500	.168590	.737688	1.000000	.647234	1.451128
7	.076200	.185541	.767729	1.000000	.670708	1.537366
8	.088900	.201755	.793489	1.000000	.693062	1.615213
9	.101600	.219075	.818579	1.000000	.717099	1.694935
10	.114300	.236763	.841578	1.000000	.741371	1.771801
11	.127000	.252240	.860007	1.000000	.762570	1.836306
12	.139700	.266612	.875886	1.000000	.782230	1.894163
13	.152400	.279878	.889603	1.000000	.800359	1.945994
14	.165100	.293881	.903202	1.000000	.819480	1.999204
15	.177800	.310095	.917933	1.000000	.841604	2.059053
16	.190500	.324835	.930646	1.000000	.861989	2.112701
17	.203200	.338839	.941877	1.000000	.881088	2.161755
18	.215900	.354316	.953588	1.000000	.902187	2.214684
19	.228600	.369056	.964115	1.000000	.922273	2.263923
20	.241300	.383796	.974084	1.000000	.942353	2.312097
21	.254000	.396325	.982152	1.000000	.959415	2.352257
22	.266700	.410328	.990761	1.000000	.978480	2.396336
23	.279400	.420646	.996846	1.000000	.992525	2.428296
24	.292100	.429491	1.001897	1.000000	1.004562	2.455355
25	.304800	.435755	1.005387	1.000000	1.013087	2.474341
26	.317500	.440546	1.008009	1.000000	1.019606	2.488761
27	.330200	.443494	1.009602	1.000000	1.023617	2.497593
28	.342900	.446442	1.011180	1.000000	1.027629	2.506394
29	.355600	.448653	1.012354	1.000000	1.030637	2.512973
30	.368300	.449390	1.012743	1.000000	1.031640	2.515163
31	.381000	.450348	1.013248	1.000000	1.032943	2.518006
32	.393700	.450864	1.013519	1.000000	1.033645	2.519536
33	.406400	.451601	1.013906	1.000000	1.034648	2.521720
34	.419100	.451896	1.014061	1.000000	1.035049	2.522593
35	.431800	.452559	1.014408	1.000000	1.035951	2.524556
36	.444500	.452927	1.014600	1.000000	1.036453	2.525645
37	.457200	.453591	1.014946	1.000000	1.037355	2.527606
38	.469900	.453812	1.015061	1.000000	1.037656	2.528259
39	.482600	.454180	1.015253	1.000000	1.038157	2.529347
40	.495300	.454401	1.015368	1.000000	1.038458	2.530000
41	.508000	.454696	1.015521	1.000000	1.038859	2.530870
42	.533400	.456760	1.016588	1.000000	1.041666	2.536952
43	.558800	.457865	1.017158	1.000000	1.043170	2.540204

ID NO. 22310-069

STATION X= 6.38 CM PTO= 23.489 N/SQ CM TTO=299.78K
R= 2.591 CM PWALL= 1.3692 N/SQ CM CF= .00171 PI [illegible]=1.465
UE= 557.4 M/SEC RHOE=.01022 KG/CUB M RE= 18.393E6 /M
DELTA= .244 CM DELTA*= .0816 CM THETA= .0192 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.058291	.000000	1.000000	.483757	.000000
2	.012700	.101743	.533847	1.000000	.567208	.928724
3	.025400	.118473	.594100	1.000000	.591542	1.055482
4	.038100	.137635	.649918	1.000000	.618661	1.180820
5	.050800	.157534	.696725	1.000000	.645524	1.293052
6	.063500	.176697	.735421	1.000000	.671146	1.391690
7	.076200	.195859	.769316	1.000000	.696591	1.483174
8	.088900	.216495	.801310	1.000000	.723623	1.574545
9	.101600	.236394	.828819	1.000000	.749580	1.657552
10	.114300	.254820	.852106	1.000000	.773809	1.731446
11	.127000	.274719	.874780	1.000000	.799664	1.806970
12	.139700	.294618	.895478	1.000000	.825476	1.879340
13	.152400	.313043	.913117	1.000000	.849344	1.943868
14	.165100	.332205	.930098	1.000000	.874143	2.008714
15	.177800	.348420	.943500	1.000000	.895109	2.061950
16	.190500	.366845	.957945	1.000000	.919227	2.121536
17	.203200	.384533	.970772	1.000000	.942090	2.176515
18	.215900	.403695	.983802	1.000000	.966846	2.234522
19	.228600	.417698	.992805	1.000000	.984929	2.275961
20	.241300	.428017	.999179	1.000000	.998251	2.306010
21	.254000	.432439	1.001846	1.000000	1.003959	2.318768
22	.266700	.433913	1.002727	1.000000	1.005862	2.323005
23	.279400	.436124	1.004040	1.000000	1.008716	2.329345
24	.292100	.438335	1.005345	1.000000	1.011570	2.335668
25	.304800	.440546	1.006640	1.000000	1.014423	2.341974
26	.317500	.442388	1.007712	1.000000	1.016801	2.347215
27	.330200	.443862	1.008566	1.000000	1.018704	2.351400
28	.342900	.444968	1.009203	1.000000	1.020130	2.354534
29	.355600	.446442	1.010050	1.000000	1.022033	2.358705
30	.368300	.447768	1.010809	1.000000	1.023745	2.362453
31	.381000	.449390	1.011732	1.000000	1.025837	2.367026
32	.393700	.451232	1.012775	1.000000	1.028215	2.372211
33	.406400	.451969	1.013191	1.000000	1.029166	2.374282
34	.419100	.452485	1.013481	1.000000	1.029832	2.375731
35	.431800	.453075	1.013813	1.000000	1.030592	2.377385
36	.444500	.453443	1.014020	1.000000	1.031068	2.378419
37	.457200	.453959	1.014309	1.000000	1.031734	2.379865
38	.469900	.454549	1.014639	1.000000	1.032495	2.381516
39	.482600	.454917	1.014844	1.000000	1.032970	2.382548
40	.495300	.454770	1.014762	1.000000	1.032780	2.382135
41	.508000	.454917	1.014844	1.000000	1.032970	2.382548
42	.533400	.456023	1.015461	1.000000	1.034397	2.385640
43	.558800	.456760	1.015870	1.000000	1.035347	2.387699

STATION X= 6.64 CM PTO= 23.489 N/SQ CM TTO=299.78K
R= 2.591 CM PWALL= 1.4652 N/SQ CM CF= .00159 PI =1.599
UE= 560.7 M/SEC RHOE=.01108 KG/CUB M RE= 20.287E6 /M
DELTA= .254 CM DELTA*= .0870 CM THETA= .0201 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.062379	.000000	1.000000	.477692	.000000
2	.012700	.109260	.532274	1.000000	.560657	.931877
3	.025400	.125254	.588118	1.000000	.583019	1.049976
4	.038100	.142057	.633191	1.000000	.604222	1.150818
5	.050800	.159377	.673637	1.000000	.626084	1.246282
6	.063500	.179276	.713549	1.000000	.650748	1.345874
7	.076200	.201386	.751956	1.000000	.677898	1.447600
8	.088900	.221654	.782684	1.000000	.702450	1.533799
9	.101600	.243764	.812526	1.000000	.729108	1.622210
10	.114300	.262927	.836063	1.000000	.752382	1.695635
11	.127000	.284300	.859695	1.000000	.778032	1.773034
12	.139700	.305673	.881204	1.000000	.803632	1.847053
13	.152400	.327783	.901541	1.000000	.830075	1.920516
14	.165100	.349894	.920191	1.000000	.856486	1.991187
15	.177800	.369056	.935159	1.000000	.879354	2.050413
16	.190500	.391166	.951387	1.000000	.906024	2.117391
17	.203200	.411802	.965315	1.000000	.930637	2.177376
18	.215900	.425068	.973784	1.000000	.946453	2.215064
19	.228600	.448653	.987990	1.000000	.974558	2.280502
20	.241300	.461182	.995128	1.000000	.989484	2.314502
21	.254000	.470026	1.000008	1.000000	1.000018	2.338199
22	.266700	.475185	1.002797	1.000000	1.006162	2.351911
23	.279400	.477396	1.003979	1.000000	1.008795	2.357763
24	.292100	.478870	1.004763	1.000000	1.010550	2.361656
25	.304800	.478870	1.004763	1.000000	1.010550	2.361656
26	.317500	.477249	1.003900	1.000000	1.008619	2.357373
27	.330200	.471868	1.001009	1.000000	1.002212	2.343106
28	.342900	.463761	.996565	1.000000	.992557	2.321439
29	.355600	.457128	.992848	1.000000	.984655	2.303557
30	.368300	.452338	.990118	1.000000	.978949	2.290555
31	.381000	.450127	.988844	1.000000	.976314	2.284529
32	.393700	.449390	.988417	1.000000	.975436	2.282516
33	.406400	.449390	.988417	1.000000	.975436	2.282516
34	.419100	.449611	.988545	1.000000	.975700	2.283120
35	.431800	.450864	.989269	1.000000	.977192	2.286539
36	.444500	.451601	.989694	1.000000	.978070	2.288548
37	.457200	.453075	.990540	1.000000	.979827	2.292560
38	.469900	.454991	.991635	1.000000	.982109	2.297766
39	.482600	.456244	.992347	1.000000	.983602	2.301163
40	.495300	.457128	.992848	1.000000	.984655	2.303557
41	.508000	.458234	.993473	1.000000	.985972	2.306547
42	.533400	.458823	.993805	1.000000	.986675	2.308140
43	.558800	.459339	.994095	1.000000	.987289	2.309533

ID NO. 22310-071

STATION X= 6.89 CM PTO= 23.489 N/SQ CM TTO=299.78K
R= 2.591 CM PWALL= 1.5492 N/SQ CM CF= .00156 PI =1.600
UE= 560.9 M/SEC RHOE=.01172 KG/CUB M RE= 21.490E6 /M
DELTA= .266 CM DELTA*= .0904 CM THETA= .0210 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.065956	.000000	1.000000	.477330	.000000
2	.012700	.116557	.535958	1.000000	.561655	.939844
3	.025400	.135203	.593821	1.000000	.585182	1.062896
4	.038100	.149796	.631671	1.000000	.603108	1.147832
5	.050800	.166010	.668278	1.000000	.622676	1.233895
6	.063500	.184804	.704846	1.000000	.644750	1.324279
7	.076200	.206546	.741519	1.000000	.669834	1.420024
8	.088900	.226445	.771473	1.000000	.692865	1.502570
9	.101600	.248923	.801392	1.000000	.718518	1.589475
10	.114300	.271402	.828180	1.000000	.744072	1.671561
11	.127000	.291670	.850331	1.000000	.767316	1.742869
12	.139700	.313780	.872171	1.000000	.792362	1.816574
13	.152400	.333679	.890233	1.000000	.814868	1.880344
14	.165100	.357264	.909943	1.000000	.841508	1.953138
15	.177800	.380848	.928042	1.000000	.868119	2.023239
16	.190500	.401484	.942719	1.000000	.891384	2.082594
17	.203200	.420646	.955660	1.000000	.913283	2.136957
18	.215900	.442757	.969455	1.000000	.938200	2.197178
19	.228600	.460445	.979840	1.000000	.958125	2.244170
20	.241300	.476659	.988893	1.000000	.976383	2.286385
21	.254000	.489925	.995993	1.000000	.991318	2.320344
22	.266700	.498032	1.000202	1.000000	1.000443	2.340851
23	.279400	.506139	1.004318	1.000000	1.009567	2.361177
24	.292100	.510561	1.006524	1.000000	1.014543	2.372189
25	.304800	.512772	1.007618	1.000000	1.017031	2.377676
26	.317500	.513141	1.007799	1.000000	1.017446	2.378590
27	.330200	.513141	1.007799	1.000000	1.017446	2.378590
28	.342900	.512035	1.007254	1.000000	1.016202	2.375849
29	.355600	.508719	1.005608	1.000000	1.012470	2.367607
30	.368300	.503191	1.002832	1.000000	1.006249	2.353806
31	.381000	.497664	1.000013	1.000000	1.000028	2.339923
32	.393700	.493979	.998109	1.000000	.995880	2.330620
33	.406400	.489557	.995799	1.000000	.990903	2.319407
34	.419100	.482555	.992082	1.000000	.983021	2.301541
35	.431800	.473711	.987279	1.000000	.973064	2.278769
36	.444500	.464867	.982352	1.000000	.963105	2.255763
37	.457200	.459339	.979207	1.000000	.956880	2.241263
38	.469900	.456981	.977849	1.000000	.954223	2.235047
39	.482600	.456097	.977338	1.000000	.953227	2.232711
40	.495300	.455654	.977081	1.000000	.952729	2.231543
41	.508000	.455654	.977081	1.000000	.952729	2.231543
42	.533400	.456170	.977380	1.000000	.953310	2.232906
43	.558800	.456612	.977636	1.000000	.953808	2.234074

STATION X= 7.15 CM PTO= 23.489 N/SQ CM TTO=299.78K
R= 2.591 CM PWALL= 1.5516 N/SQ CM CF= .00156 PI =1.533
UE= 565.9 M/SEC RHOE=.01197 KG/CUB M RE= 22.573E6 /M
DELTA= .273 CM DELTA*= .0919 CM THETA= .0209 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.066059	.000000	1.000000	.467893	.000000
2	.012700	.121421	.547729	1.000000	.556774	.974579
3	.025400	.140215	.601629	1.000000	.579505	1.092117
4	.038100	.156797	.641967	1.000000	.599319	1.185096
5	.050800	.171906	.673601	1.000000	.616815	1.261514
6	.063500	.190700	.708415	1.000000	.638360	1.349684
7	.076200	.210599	.740959	1.000000	.660994	1.436495
8	.088900	.232709	.772727	1.000000	.685783	1.525917
9	.101600	.255557	.801907	1.000000	.711272	1.612700
10	.114300	.276930	.826688	1.000000	.735274	1.690355
11	.127000	.299777	.850465	1.000000	.760638	1.768711
12	.139700	.319676	.869401	1.000000	.782688	1.834111
13	.152400	.341787	.888768	1.000000	.807152	1.904048
14	.165100	.363897	.906598	1.000000	.831587	1.971425
15	.177800	.388955	.925184	1.000000	.859252	2.045031
16	.190500	.411802	.940987	1.000000	.884749	2.110596
17	.203200	.431702	.953688	1.000000	.906703	2.165461
18	.215900	.453812	.966910	1.000000	.931084	2.224805
19	.228600	.472237	.977279	1.000000	.951393	2.273056
20	.241300	.488451	.985957	1.000000	.969259	2.314672
21	.254000	.503191	.993508	1.000000	.985497	2.351856
22	.266700	.513509	.998615	1.000000	.996861	2.377534
23	.279400	.519037	1.001292	1.000000	1.002948	2.391175
24	.292100	.523828	1.003580	1.000000	1.008224	2.402934
25	.304800	.526039	1.004626	1.000000	1.010658	2.408341
26	.317500	.527144	1.005147	1.000000	1.011876	2.411041
27	.330200	.528250	1.005666	1.000000	1.013093	2.413737
28	.342900	.528250	1.005666	1.000000	1.013093	2.413737
29	.355600	.528250	1.005666	1.000000	1.013093	2.413737
30	.368300	.527660	1.005389	1.000000	1.012444	2.412299
31	.381000	.526776	1.004973	1.000000	1.011470	2.410141
32	.393700	.525523	1.004382	1.000000	1.010090	2.407081
33	.406400	.524565	1.003929	1.000000	1.009035	2.404738
34	.419100	.523385	1.003370	1.000000	1.007737	2.401851
35	.431800	.533040	1.007899	1.000000	1.018368	2.425385
36	.444500	.581314	1.028922	1.000000	1.071504	2.539749
37	.457200	.584262	1.030125	1.000000	1.074749	2.546565
38	.469900	.576892	1.027100	1.000000	1.066638	2.529490
39	.482600	.570259	1.024331	1.000000	1.059338	2.514023
40	.495300	.562889	1.021200	1.000000	1.051226	2.496724
41	.508000	.553308	1.017041	1.000000	1.040680	2.474052
42	.533400	.542253	1.012114	1.000000	1.028510	2.447627
43	.558800	.534146	1.008410	1.000000	1.019585	2.428065

STATION X= 7.40 CM PTO= 23.489 N/SQ CM TTO=299.78K
R= 2.591 CM PWALL= 1.6257 N/SQ CM CF= .00136 PI =1.638
UE= 582.4 M/SEC RHOE=.01345 KG/CUB M RE= 27.885E6 /M
DELTA= .336 CM DELTA*= .1175 CM THETA= .0249 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.069212	.000000	1.000000	.436371	.000000
2	.012700	.131223	.546324	1.000000	.524627	1.005610
3	.025400	.145374	.580772	1.000000	.538803	1.083365
4	.038100	.161957	.618659	1.000000	.556399	1.172731
5	.050800	.176328	.647529	1.000000	.571410	1.243904
6	.063500	.192174	.675829	1.000000	.587653	1.316593
7	.076200	.211336	.706126	1.000000	.606942	1.398008
8	.088900	.229024	.731531	1.000000	.624832	1.469497
9	.101600	.250766	.759374	1.000000	.646491	1.551639
10	.114300	.273245	.785225	1.000000	.668790	1.631898
11	.127000	.295355	.808457	1.000000	.690886	1.707711
12	.139700	.314517	.826734	1.000000	.709817	1.770080
13	.152400	.336627	.846167	1.000000	.731623	1.839304
14	.165100	.361686	.866329	1.000000	.756299	1.914625
15	.177800	.383796	.882689	1.000000	.778047	1.978630
16	.190500	.405906	.897872	1.000000	.799775	2.040572
17	.203200	.429491	.913087	1.000000	.823206	2.105331
18	.215900	.451969	.926439	1.000000	.845282	2.164571
19	.228600	.470763	.936938	1.000000	.863730	2.212859
20	.241300	.488451	.946314	1.000000	.881086	2.257347
21	.254000	.503191	.953781	1.000000	.895546	2.293751
22	.266700	.516089	.960072	1.000000	.908195	2.325129
23	.279400	.523828	.963744	1.000000	.915783	2.343752
24	.292100	.537831	.970200	1.000000	.929512	2.377074
25	.304800	.580577	.988540	1.000000	.971406	2.475987
26	.317500	.605635	.998427	1.000000	.995956	2.532154
27	.330200	.608584	.999552	1.000000	.998844	2.538680
28	.342900	.610795	1.000390	1.000000	1.001009	2.543563
29	.355600	.611163	1.000530	1.000000	1.001370	2.544376
30	.368300	.611163	1.000530	1.000000	1.001370	2.544376
31	.381000	.610795	1.000390	1.000000	1.001009	2.543563
32	.393700	.611163	1.000530	1.000000	1.001370	2.544376
33	.406400	.610795	1.000390	1.000000	1.001009	2.543563
34	.419100	.609689	.999972	1.000000	.999927	2.541122
35	.431800	.609321	.999832	1.000000	.999566	2.540308
36	.444500	.608362	.999468	1.000000	.998627	2.538191
37	.457200	.608362	.999468	1.000000	.998627	2.538191
38	.469900	.608362	.999468	1.000000	.998627	2.538191
39	.482600	.607625	.999187	1.000000	.997905	2.536561
40	.495300	.606373	.998709	1.000000	.996678	2.533787
41	.508000	.605635	.998427	1.000000	.995956	2.532154
42	.533400	.604161	.997861	1.000000	.994512	2.528885
43	.558800	.598265	.995580	1.000000	.988736	2.515766

STATION X= 7.65 CM PTO= 23.489 N/SQ CM TTO=299.78K
R= 2.591 CM PWALL= 2.0688 N/SQ CM CF= .00133 PI =2.003
UE= 549.1 M/SEC RHOE=.01497 KG/CUB M RE= 25.780E6 /M
DELTA= .302 CM DELTA*= .1039 CM THETA= .0249 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.088077	.000000	1.000000	.499066	.000000
2	.012700	.144489	.513102	1.000000	.574884	.871544
3	.025400	.159893	.559206	1.000000	.591765	.963702
4	.038100	.178171	.601475	1.000000	.609527	1.051987
5	.050800	.194385	.634637	1.000000	.625207	1.124174
6	.063500	.212442	.667323	1.000000	.642362	1.198180
7	.076200	.230498	.696197	1.000000	.659092	1.266196
8	.088900	.250029	.724428	1.000000	.677056	1.335375
9	.101600	.260716	.738592	1.000000	.686727	1.371174
10	.114300	.269560	.749786	1.000000	.694705	1.400018
11	.127000	.283563	.766916	1.000000	.707524	1.445155
12	.139700	.306410	.792337	1.000000	.728017	1.514527
13	.152400	.341050	.826775	1.000000	.758940	1.613567
14	.165100	.380848	.861653	1.000000	.794585	1.720673
15	.177800	.419172	.891007	1.000000	.828585	1.816961
16	.190500	.452338	.913809	1.000000	.857949	1.896190
17	.203200	.483292	.933245	1.000000	.885318	1.967166
18	.215900	.513509	.950725	1.000000	.912009	2.033998
19	.228600	.540779	.965384	1.000000	.936077	2.092433
20	.241300	.564363	.977475	1.000000	.957204	2.142416
21	.254000	.582051	.985980	1.000000	.972812	2.178605
22	.266700	.593843	.991460	1.000000	.983215	2.202395
23	.279400	.603424	.995805	1.000000	.991666	2.221533
24	.292100	.608584	.998106	1.000000	.996216	2.231769
25	.304800	.613743	1.000381	1.000000	1.000765	2.241957
26	.317500	.616322	1.001508	1.000000	1.003040	2.247034
27	.330200	.618165	1.002310	1.000000	1.004664	2.250653
28	.342900	.619639	1.002949	1.000000	1.005964	2.253544
29	.355600	.620376	1.003268	1.000000	1.006614	2.254988
30	.368300	.621113	1.003586	1.000000	1.007264	2.256431
31	.381000	.621702	1.003840	1.000000	1.007784	2.257585
32	.393700	.621850	1.003903	1.000000	1.007914	2.257873
33	.406400	.621850	1.003903	1.000000	1.007914	2.257873
34	.419100	.621113	1.003586	1.000000	1.007264	2.256431
35	.431800	.620965	1.003522	1.000000	1.007134	2.256142
36	.444500	.620376	1.003268	1.000000	1.006614	2.254988
37	.457200	.619049	1.002694	1.000000	1.005444	2.252388
38	.469900	.618902	1.002630	1.000000	1.005314	2.252099
39	.482600	.618386	1.002406	1.000000	1.004859	2.251086
40	.495300	.618165	1.002310	1.000000	1.004664	2.250653
41	.508000	.618165	1.002310	1.000000	1.004664	2.250653
42	.533400	.616691	1.001669	1.000000	1.003365	2.247758
43	.558800	.614480	1.000704	1.000000	1.001415	2.243409

STATION X= 7.91 CM PTO= 23.489 N/SQ CM TTO=299.78K
R= 2.591 CM PWALL= 2.3946 N/SQ CM CF= .00204 PI =1.105
UE= 506.9 M/SEC RHOE=.01509 KG/CUB M RE= 21.167E6 /M
DELTA= .244 CM DELTA*= .0656 CM THETA= .0194 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.101947	.000000	1.000000	.573005	.000000
2	.012700	.191437	.621165	1.000000	.686032	.993106
3	.025400	.205072	.650590	1.000000	.699412	1.050246
4	.038100	.224602	.686714	1.000000	.717477	1.122785
5	.050800	.245975	.722916	1.000000	.737602	1.198438
6	.063500	.271034	.759966	1.000000	.760570	1.279325
7	.076200	.297566	.794857	1.000000	.784696	1.359115
8	.088900	.324098	.826133	1.000000	.808669	1.434009
9	.101600	.352105	.855646	1.000000	.833603	1.507963
10	.114300	.376426	.879048	1.000000	.855167	1.569115
11	.127000	.393377	.894294	1.000000	.870159	1.610261
12	.139700	.405906	.905055	1.000000	.881224	1.639966
13	.152400	.423594	.919836	1.000000	.897114	1.681710
14	.165100	.450127	.940266	1.000000	.920500	1.741324
15	.177800	.476659	.959251	1.000000	.943847	1.798870
16	.190500	.498032	.973605	1.000000	.962632	1.843868
17	.203200	.513509	.983522	1.000000	.976224	1.875753
18	.215900	.520880	.988112	1.000000	.982693	1.890741
19	.228600	.527513	.992173	1.000000	.988514	1.904126
20	.241300	.538568	.998798	1.000000	.998213	1.926220
21	.254000	.550360	1.005675	1.000000	1.008554	1.949503
22	.266700	.562152	1.012364	1.000000	1.018892	1.972503
23	.279400	.572470	1.018071	1.000000	1.027934	1.992404
24	.292100	.583894	1.024234	1.000000	1.037943	2.014201
25	.304800	.593106	1.029092	1.000000	1.046012	2.031605
26	.317500	.599739	1.032529	1.000000	1.051821	2.044042
27	.330200	.607110	1.036289	1.000000	1.058275	2.057770
28	.342900	.610795	1.038147	1.000000	1.061501	2.064599
29	.355600	.614480	1.039990	1.000000	1.064727	2.071405
30	.368300	.617796	1.041637	1.000000	1.067630	2.077511
31	.381000	.619270	1.042365	1.000000	1.068920	2.080219
32	.393700	.620744	1.043090	1.000000	1.070210	2.082924
33	.406400	.622218	1.043814	1.000000	1.071501	2.085624
34	.419100	.623324	1.044355	1.000000	1.072468	2.087647
35	.431800	.624061	1.044715	1.000000	1.073113	2.088995
36	.444500	.625166	1.045254	1.000000	1.074081	2.091015
37	.457200	.626640	1.045971	1.000000	1.075371	2.093705
38	.469900	.626640	1.045971	1.000000	1.075371	2.093705
39	.482600	.627009	1.046150	1.000000	1.075693	2.094377
40	.495300	.628335	1.046989	1.000000	1.077210	2.097533
41	.508000	.628483	1.047060	1.000000	1.077339	2.097802
42	.533400	.626935	1.046114	1.000000	1.075629	2.094242
43	.558800	.626272	1.045792	1.000000	1.075048	2.093033

STATION X= 8.16 CM PTO= 23.489 N/SQ CM TTO=299.78K
R= 2.591 CM PWALL= 2.6484 N/SQ CM CF= .00157 PI[illegible]=1.777
UE= 522.7 M/SEC RHOE=.01751 KG/CUB M RE= 26.450E6 /M
DELTA= .211 CM DELTA*= .0677 CM THETA= .0179 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.112752	.000000	1.000000	.546037	.000000
2	.012700	.201386	.580014	1.000000	.644459	.949336
3	.025400	.216495	.614379	1.000000	.658951	1.016826
4	.038100	.234920	.643852	1.000000	.672615	1.076597
5	.050800	.256294	.678109	1.000000	.690092	1.148516
6	.063500	.280615	.712573	1.000000	.709604	1.223830
7	.076200	.312306	.752178	1.000000	.734750	1.314542
8	.088900	.343261	.785765	1.000000	.758689	1.395431
9	.101600	.380111	.821538	1.000000	.787240	1.486159
10	.114300	.428017	.861855	1.000000	.823835	1.594918
11	.127000	.478133	.898774	1.000000	.862222	1.701547
12	.139700	.523828	.928287	1.000000	.896888	1.792401
13	.152400	.567311	.953519	1.000000	.929808	1.874606
14	.165100	.608584	.975293	1.000000	.961008	1.949317
15	.177800	.641012	.991110	1.000000	.985497	2.006011
16	.190500	.663859	1.001641	1.000000	1.002739	2.044985
17	.203200	.669018	1.003954	1.000000	1.006631	2.053681
18	.215900	.647645	.994217	1.000000	.990503	2.017405
19	.228600	.597528	.969650	1.000000	.952655	1.929598
20	.241300	.556256	.947341	1.000000	.921444	1.854065
21	.254000	.545938	.941434	1.000000	.913634	1.834678
22	.266700	.544832	.940792	1.000000	.912798	1.832589
23	.279400	.544832	.940792	1.000000	.912798	1.832589
24	.292100	.545201	.941006	1.000000	.913076	1.833285
25	.304800	.548886	.943136	1.000000	.915866	1.840239
26	.317500	.556256	.947341	1.000000	.921444	1.854065
27	.330200	.563626	.951477	1.000000	.927021	1.867785
28	.342900	.571733	.955947	1.000000	.933153	1.882757
29	.355600	.579103	.959942	1.000000	.938727	1.896262
30	.368300	.586473	.963872	1.000000	.944299	1.909669
31	.381000	.594580	.968123	1.000000	.950427	1.924305
32	.393700	.601213	.971546	1.000000	.955439	1.936194
33	.406400	.606373	.974175	1.000000	.959338	1.945390
34	.419100	.612269	.977145	1.000000	.963792	1.955845
35	.431800	.616322	.979165	1.000000	.966854	1.963000
36	.444500	.619639	.980805	1.000000	.969359	1.968833
37	.457200	.623324	.982614	1.000000	.972142	1.975295
38	.469900	.625535	.983693	1.000000	.973811	1.979161
39	.482600	.627746	.984767	1.000000	.975481	1.983019
40	.495300	.628335	.985053	1.000000	.975926	1.984047
41	.508000	.629957	.985836	1.000000	.977151	1.986870
42	.533400	.633273	.987431	1.000000	.979655	1.992632
43	.558800	.633273	.987431	1.000000	.979655	1.992632

STATION X= 8.42 CM PTO= 23.489 N/SQ CM TTO=299.78K
R= 2.591 CM PWALL= 2.8590 N/SQ CM CF= .00148 PT =1.924
UE= 521.6 M/SEC RHOE=.01884 KG/CUB M RE= 28.300E6 /M
DELTA= .221 CM DELTA*= .0727 CM THETA= .0193 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.121717	.000000	1.000000	.547978	.000000
2	.012700	.206914	.557854	1.000000	.637680	.904701
3	.025400	.223497	.593816	1.000000	.651882	.973688
4	.038100	.242290	.630574	1.000000	.668049	1.046703
5	.050800	.267349	.666301	1.000000	.685554	1.120403
6	.063500	.290933	.699125	1.000000	.703381	1.190786
7	.076200	.318939	.733358	1.000000	.723980	1.267251
8	.088900	.352842	.770098	1.000000	.748677	1.353245
9	.101600	.391166	.806719	1.000000	.776364	1.443572
10	.114300	.435387	.843603	1.000000	.807856	1.539886
11	.127000	.489188	.882759	1.000000	.845964	1.648926
12	.139700	.531198	.910085	1.000000	.875909	1.729795
13	.152400	.575418	.935848	1.000000	.907077	1.810135
14	.165100	.619639	.959235	1.000000	.938190	1.886922
15	.177800	.655015	.976466	1.000000	.963049	1.946098
16	.190500	.678599	.987302	1.000000	.979609	1.984540
17	.203200	.696288	.995114	1.000000	.992023	2.012876
18	.215900	.705869	.999238	1.000000	.998745	2.028055
19	.228600	.709554	1.000805	1.000000	1.001330	2.033862
20	.241300	.711765	1.001740	1.000000	1.002881	2.037338
21	.254000	.711765	1.001740	1.000000	1.002881	2.037338
22	.266700	.711765	1.001740	1.000000	1.002881	2.037338
23	.279400	.711765	1.001740	1.000000	1.002881	2.037338
24	.292100	.711028	1.001429	1.000000	1.002364	2.036180
25	.304800	.705869	.999238	1.000000	.998745	2.028055
26	.317500	.678599	.987302	1.000000	.979609	1.984540
27	.330200	.615954	.957368	1.000000	.935599	1.880647
28	.342900	.564363	.929645	1.000000	.899291	1.790402
29	.355600	.553308	.923288	1.000000	.891501	1.770441
30	.368300	.553308	.923288	1.000000	.891501	1.770441
31	.381000	.556256	.924999	1.000000	.893579	1.775787
32	.393700	.562152	.928386	1.000000	.897733	1.786429
33	.406400	.568048	.931730	1.000000	.901887	1.797005
34	.419100	.574976	.935603	1.000000	.906766	1.809350
35	.431800	.583525	.940303	1.000000	.912785	1.824464
36	.444500	.589421	.943493	1.000000	.916935	1.834812
37	.457200	.595317	.946644	1.000000	.921084	1.845099
38	.469900	.601582	.949949	1.000000	.925492	1.855965
39	.482600	.606373	.952447	1.000000	.928861	1.864230
40	.495300	.611532	.955109	1.000000	.932490	1.873089
41	.508000	.617428	.958117	1.000000	.936636	1.883160
42	.533400	.626272	.962561	1.000000	.942853	1.898163
43	.558800	.629957	.964389	1.000000	.945443	1.904378

STATION X= 8.67 CM PTO= 23.489 N/SQ CM TTO=299.78K
R= 2.591 CM PWALL= 3.0462 N/SQ CM CF= .00146 PI =1.983
UE= 514.7 M/SEC RHOE=.01965 KG/CUB M RE= 28.566E6 /M
DELTA= .225 CM DELTA*= .0737 CM THETA= .0201 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.129689	.000000	1.000000	.559869	.000000
2	.012700	.216127	.555416	1.000000	.647827	.886301
3	.025400	.230498	.586749	1.000000	.659854	.944951
4	.038100	.249661	.624927	1.000000	.676077	1.018732
5	.050800	.270297	.654007	1.000000	.689710	1.076833
6	.063500	.293881	.687506	1.000000	.706936	1.146039
7	.076200	.324835	.726429	1.000000	.729240	1.229876
8	.088900	.360949	.765658	1.000000	.754559	1.318604
9	.101600	.398536	.801355	1.000000	.780456	1.403563
10	.114300	.443494	.839326	1.000000	.811473	1.498997
11	.127000	.486977	.871579	1.000000	.841081	1.584743
12	.139700	.531198	.900959	1.000000	.871074	1.667115
13	.152400	.579103	.929829	1.000000	.903786	1.752543
14	.165100	.623324	.953737	1.000000	.933658	1.827071
15	.177800	.656489	.970308	1.000000	.956031	1.880956
16	.190500	.683021	.982816	1.000000	.973913	1.922939
17	.203200	.702184	.991469	1.000000	.986821	1.952681
18	.215900	.716924	.997921	1.000000	.996745	1.975246
19	.228600	.722820	1.000454	1.000000	1.000714	1.984198
20	.241300	.724294	1.001083	1.000000	1.001706	1.986430
21	.254000	.726505	1.002023	1.000000	1.003195	1.989772
22	.266700	.726505	1.002023	1.000000	1.003195	1.989772
23	.279400	.726505	1.002023	1.000000	1.003195	1.989772
24	.292100	.725768	1.001710	1.000000	1.002699	1.988659
25	.304800	.724294	1.001083	1.000000	1.001706	1.986430
26	.317500	.722820	1.000454	1.000000	1.000714	1.984198
27	.330200	.720977	.999665	1.000000	.999474	1.981405
28	.342900	.719872	.999191	1.000000	.998730	1.979728
29	.355600	.719872	.999191	1.000000	.998730	1.979728
30	.368300	.719872	.999191	1.000000	.998730	1.979728
31	.381000	.718398	.998557	1.000000	.997738	1.977488
32	.393700	.715450	.997284	1.000000	.995753	1.973002
33	.406400	.700710	.990815	1.000000	.985828	1.950410
34	.419100	.634379	.959382	1.000000	.941119	1.845214
35	.431800	.573207	.926469	1.000000	.899798	1.742354
36	.444500	.565469	.921993	1.000000	.894563	1.728885
37	.457200	.566943	.922851	1.000000	.895560	1.731459
38	.469900	.570259	.924773	1.000000	.897804	1.737236
39	.482600	.575787	.927944	1.000000	.901543	1.746819
40	.495300	.580209	.930454	1.000000	.904533	1.754446
41	.508000	.584852	.933064	1.000000	.907672	1.762417
42	.533400	.594580	.938449	1.000000	.914247	1.778998
43	.558800	.596054	.939255	1.000000	.915243	1.781496

STATION X= 8.92 CM PTO= 23.489 N/SQ CM TTO=299.78K
R= 2.591 CM PWALL= 3.1971 N/SQ CM CF= .00145 PI =2.030
UE= 508.5 M/SEC RHOE=.02024 KG/CUB M RE= 28.599E6 /M
DELTA= .229 CM DELTA*= .0746 CM THETA= .0208 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.136113	.000000	1.000000	.570350	.000000
2	.012700	.224971	.557916	1.000000	.658403	.878590
3	.025400	.232341	.574242	1.000000	.664495	.908474
4	.038100	.253346	.615263	1.000000	.681131	.985480
5	.050800	.275456	.649513	1.000000	.696615	1.052098
6	.063500	.299040	.683518	1.000000	.713590	1.120588
7	.076200	.327783	.719950	1.000000	.733758	1.196880
8	.088900	.363160	.758944	1.000000	.757916	1.282307
9	.101600	.400379	.795220	1.000000	.783125	1.365760
10	.114300	.439809	.829391	1.000000	.809640	1.448362
11	.127000	.486977	.865355	1.000000	.840900	1.540063
12	.139700	.528250	.893506	1.000000	.868129	1.615701
13	.152400	.568048	.918474	1.000000	.894597	1.685979
14	.165100	.615217	.945126	1.000000	.925579	1.764690
15	.177800	.660174	.968257	1.000000	.955050	1.836434
16	.190500	.688180	.981685	1.000000	.973386	1.879691
17	.203200	.708080	.990811	1.000000	.986406	1.909810
18	.215900	.719872	.996065	1.000000	.994118	1.927429
19	.228600	.728716	.999934	1.000000	.999901	1.940535
20	.241300	.732401	1.001528	1.000000	1.002310	1.945969
21	.254000	.733506	1.002005	1.000000	1.003032	1.947596
22	.266700	.733506	1.002005	1.000000	1.003032	1.947596
23	.279400	.734243	1.002322	1.000000	1.003514	1.948680
24	.292100	.734391	1.002385	1.000000	1.003611	1.948897
25	.304800	.732991	1.001782	1.000000	1.002695	1.946837
26	.317500	.731664	1.001210	1.000000	1.001828	1.944884
27	.330200	.730927	1.000892	1.000000	1.001346	1.943798
28	.342900	.729453	1.000254	1.000000	1.000382	1.941623
29	.355600	.727979	.999614	1.000000	.999419	1.939447
30	.368300	.726873	.999133	1.000000	.998696	1.937812
31	.381000	.722820	.997361	1.000000	.996046	1.931808
32	.393700	.717661	.995088	1.000000	.992672	1.924138
33	.406400	.712502	.992794	1.000000	.989298	1.916437
34	.419100	.705132	.989479	1.000000	.984478	1.905379
35	.431800	.697025	.985782	1.000000	.979174	1.893139
36	.444500	.689654	.982372	1.000000	.974351	1.881939
37	.457200	.683021	.979264	1.000000	.970010	1.871801
38	.469900	.674546	.975236	1.000000	.964461	1.858762
39	.482600	.665702	.970954	1.000000	.958670	1.845055
40	.495300	.657226	.966802	1.000000	.953119	1.831819
41	.508000	.649119	.962757	1.000000	.947807	1.819065
42	.533400	.634379	.955237	1.000000	.938146	1.795635
43	.558800	.583525	.927513	1.000000	.904771	1.712225

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STATION X= 9.18 CM PTO= 23.489 N/SQ CM TTO=299.78K

R= 2.591 CM PWALL= 3.2623 N/SQ CM CF= .00159 PI =1.745

UE= 504.7 M/SEC RHOE=.02042 KG/CUB M RE= 28.354E6 /M

DELTA= .231 CM DELTA*= .0710 CM THETA= .0204 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.138887	.000000	1.000000	.576790	.000000
2	.012700	.234183	.572403	1.000000	.669645	.897177
3	.025400	.252609	.609272	1.000000	.684293	.965354
4	.038100	.271771	.644563	1.000000	.699841	1.032807
5	.050800	.293512	.672940	1.000000	.713540	1.088778
6	.063500	.319676	.707567	1.000000	.731856	1.159403
7	.076200	.346946	.739788	1.000000	.750654	1.227670
8	.088900	.380111	.774558	1.000000	.773074	1.304423
9	.101600	.413276	.805472	1.000000	.795104	1.375678
10	.114300	.454549	.840270	1.000000	.822586	1.459701
11	.127000	.498032	.872713	1.000000	.851135	1.542144
12	.139700	.537831	.899517	1.000000	.877157	1.613624
13	.152400	.582786	.927284	1.000000	.906759	1.691270
14	.165100	.619639	.947944	1.000000	.930751	1.751676
15	.177800	.656489	.967128	1.000000	.954703	1.809974
16	.190500	.685969	.981526	1.000000	.973843	1.855242
17	.203200	.706606	.991147	1.000000	.987230	1.886259
18	.215900	.721346	.997802	1.000000	.996788	1.908095
19	.228600	.725768	.999765	1.000000	.999655	1.914596
20	.241300	.727242	1.000416	1.000000	1.000610	1.916757
21	.254000	.725768	.999765	1.000000	.999655	1.914596
22	.266700	.722820	.998458	1.000000	.997744	1.910264
23	.279400	.718766	.996650	1.000000	.995116	1.904292
24	.292100	.713607	.994330	1.000000	.991771	1.896663
25	.304800	.707343	.991483	1.000000	.987708	1.887357
26	.317500	.701447	.988775	1.000000	.983884	1.878554
27	.330200	.695919	.986210	1.000000	.980299	1.870263
28	.342900	.688917	.982923	1.000000	.975756	1.859706
29	.355600	.681547	.979417	1.000000	.970973	1.848525
30	.368300	.674177	.975862	1.000000	.966189	1.837274
31	.381000	.668281	.972983	1.000000	.962362	1.828221
32	.393700	.660543	.969156	1.000000	.957336	1.816268
33	.406400	.653025	.965383	1.000000	.952453	1.804578
34	.419100	.645065	.961328	1.000000	.947282	1.792113
35	.431800	.637327	.957326	1.000000	.942252	1.779908
36	.444500	.629957	.953457	1.000000	.937461	1.768202
37	.457200	.622587	.949531	1.000000	.932668	1.756414
38	.469900	.615585	.945747	1.000000	.928114	1.745138
39	.482600	.608952	.942113	1.000000	.923797	1.734385
40	.495300	.601582	.938017	1.000000	.919000	1.722355
41	.508000	.593843	.933648	1.000000	.913961	1.709627
42	.533400	.577850	.924393	1.000000	.903541	1.683002
43	.558800	.562152	.914731	1.000000	.893021	1.655688

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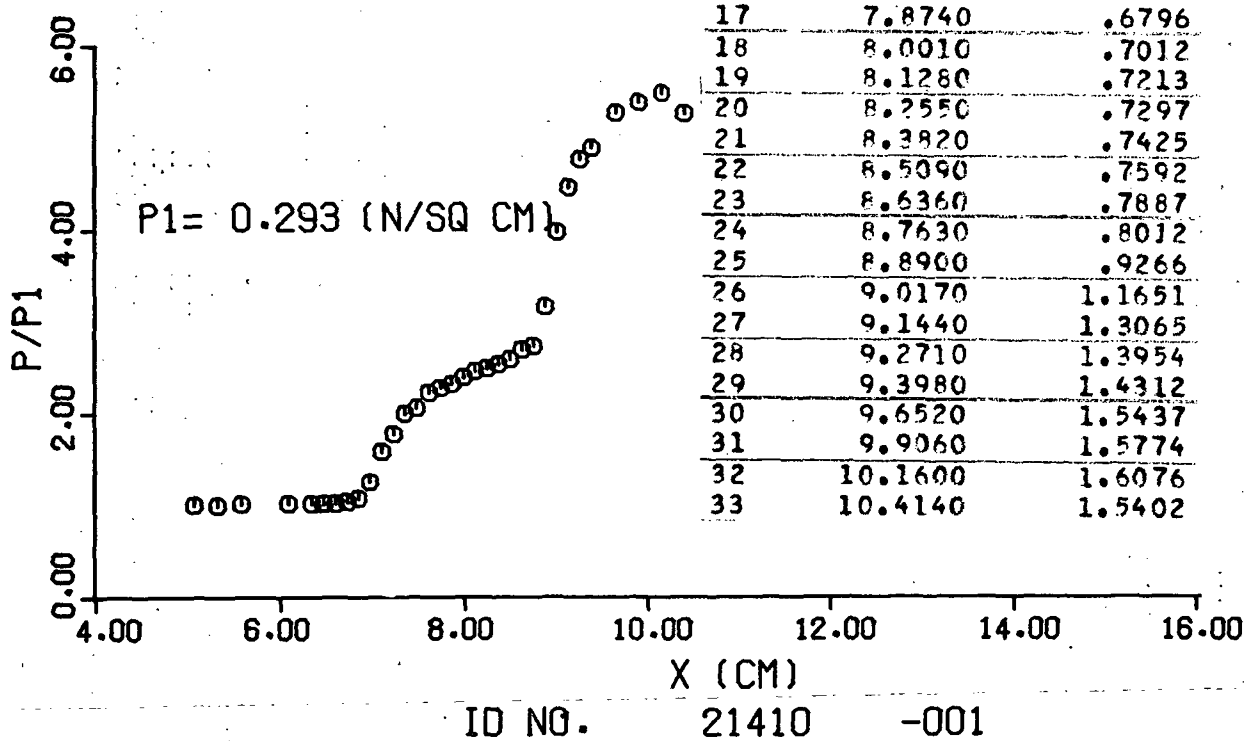
STATION X= 9.69 CM PTO= 23.489 N/SQ CM TTO=299.78K
R= 2.591 CM PWALL= 2.4975 N/SQ CM CF= .00222 PI = .676
UE= 522.1 M/SEC RHOE=.01648 KG/CUB M RE= 24.829E6 /M
DELTA= .274 CM DELTA*= .0630 CM THETA= .0182 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.106328	.000000	1.000000	.547039	.000000
2	.012700	.247818	.688624	1.000000	.696683	1.169516
3	.025400	.272508	.724504	1.000000	.717674	1.248851
4	.038100	.293144	.751334	1.000000	.734969	1.310611
5	.050800	.312306	.773967	1.000000	.750741	1.364502
6	.063500	.332205	.795733	1.000000	.767032	1.418014
7	.076200	.353800	.817938	1.000000	.784894	1.474459
8	.088900	.374952	.837870	1.000000	.802099	1.526852
9	.101600	.396325	.856666	1.000000	.819432	1.577882
10	.114300	.422120	.877767	1.000000	.840299	1.637203
11	.127000	.444968	.895433	1.000000	.859022	1.688659
12	.139700	.470026	.913303	1.000000	.879237	1.742506
13	.152400	.493610	.929072	1.000000	.898235	1.791639
14	.165100	.516457	.943472	1.000000	.916618	1.837933
15	.177800	.540779	.957942	1.000000	.936168	1.885917
16	.190500	.562889	.970396	1.000000	.953925	1.928469
17	.203200	.578366	.978746	1.000000	.966349	1.957688
18	.215900	.591632	.985677	1.000000	.976993	1.982380
19	.228600	.603424	.991671	1.000000	.986451	2.004066
20	.241300	.612269	.996068	1.000000	.993543	2.020173
21	.254000	.615954	.997875	1.000000	.996497	2.026846
22	.266700	.619639	.999669	1.000000	.999452	2.033496
23	.279400	.620376	1.000026	1.000000	1.000042	2.034824
24	.292100	.619565	.999633	1.000000	.999392	2.033364
25	.304800	.617428	.998594	1.000000	.997679	2.029509
26	.317500	.615217	.997515	1.000000	.995906	2.025513
27	.330200	.612637	.996249	1.000000	.993838	2.020842
28	.342900	.607847	.993880	1.000000	.989997	2.012136
29	.355600	.604825	.992373	1.000000	.987574	2.006625
30	.368300	.599739	.989815	1.000000	.983495	1.997315
31	.381000	.596054	.987943	1.000000	.980540	1.990540
32	.393700	.591780	.985753	1.000000	.977111	1.982652
33	.406400	.587210	.983389	1.000000	.973445	1.974184
34	.419100	.582420	.980886	1.000000	.969601	1.965266
35	.431800	.577629	.978355	1.000000	.965757	1.956307
36	.444500	.572912	.975837	1.000000	.961971	1.947443
37	.457200	.567680	.973012	1.000000	.957771	1.937562
38	.469900	.562152	.969991	1.000000	.953334	1.927066
39	.482600	.556993	.967137	1.000000	.949191	1.917217
40	.495300	.551634	.964249	1.000000	.945048	1.907316
41	.508000	.547412	.961746	1.000000	.941496	1.898786
42	.533400	.535988	.955158	1.000000	.932318	1.876566
43	.558800	.524933	.948611	1.000000	.923433	1.854801

ID NO. 21410-001

PTO= 36.8579 N/SQ CM
TTO= 297.0000 K
PBAR= 760.4000 MMHG
TMAN= 297.0000 K

I	X(CM)	P(N/SQ CM)
1	5.0800	.2931
2	5.3340	.2917
3	5.5880	.2966
4	6.0960	.2973
5	6.3500	.2980
6	6.4770	.2976
7	6.6040	.2973
8	6.7310	.3039
9	6.8580	.3150
10	6.9850	.3671
11	7.1120	.4629
12	7.2390	.5189
13	7.3660	.5855
14	7.4930	.6032
15	7.6200	.6519
16	7.7470	.6682
17	7.8740	.6796
18	8.0010	.7012
19	8.1280	.7213
20	8.2550	.7297
21	8.3820	.7425
22	8.5090	.7592
23	8.6360	.7887
24	8.7630	.8012
25	8.8900	.9266
26	9.0170	1.1651
27	9.1440	1.3065
28	9.2710	1.3954
29	9.3980	1.4312
30	9.6520	1.5437
31	9.9060	1.5774
32	10.1600	1.6076
33	10.4140	1.5402



ID NO. 21410 -001

STATION X= 6.10 CM PTO= 36.658 N/SQ CM TTO=297.00K

R= 2.591 CM PWALL= .3090 N/SQ CM CF= .00145 PI[illegible]= .908

UE= 664.8 M/SEC RHOE=.00435 KG/CUB M RE= 17.744E6 /M

DELTA= .398 CM DELTA*= .1542 CM THETA= .0186 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.008383	.000000	1.000000	.258790	.000000
2	.012700	.015306	.461768	1.000000	.307369	.968804
3	.025400	.024747	.606449	1.000000	.355776	1.368876
4	.038100	.034094	.692449	1.000000	.401474	1.660344
5	.050800	.040810	.738117	1.000000	.434083	1.840321
6	.063500	.045976	.767108	1.000000	.458985	1.966697
7	.076200	.050016	.786993	1.000000	.478421	2.059956
8	.088900	.053632	.803234	1.000000	.495973	2.140686
9	.101600	.056638	.815546	1.000000	.510424	2.204933
10	.114300	.060067	.828554	1.000000	.526897	2.275963
11	.127000	.063871	.841648	1.000000	.545167	2.352230
12	.139700	.067817	.854522	1.000000	.564104	2.428759
13	.152400	.071668	.865933	1.000000	.582584	2.501181
14	.165100	.075942	.877618	1.000000	.603085	2.579148
15	.177800	.080122	.888164	1.000000	.623130	2.653164
16	.190500	.084913	.899405	1.000000	.646308	2.736256
17	.203200	.089375	.908979	1.000000	.667707	2.810789
18	.215900	.094542	.919211	1.000000	.692479	2.894679
19	.228600	.099332	.927974	1.000000	.715447	2.970338
20	.241300	.104123	.936115	1.000000	.738411	3.044107
21	.254000	.109712	.944915	1.000000	.765199	3.127962
22	.266700	.114738	.952254	1.000000	.789282	3.201478
23	.279400	.119576	.958858	1.000000	.812463	3.270678
24	.292100	.125259	.966097	1.000000	.839693	3.350139
25	.304800	.128406	.969886	1.000000	.854770	3.393335
26	.317500	.135263	.977708	1.000000	.887886	3.486337
27	.330200	.140007	.982716	1.000000	.910621	3.548775
28	.342900	.144751	.987456	1.000000	.933355	3.610130
29	.355600	.149025	.991515	1.000000	.953837	3.664529
30	.368300	.152547	.994720	1.000000	.970718	3.708761
31	.381000	.155600	.997401	1.000000	.985347	3.746673
32	.393700	.158090	.999523	1.000000	.997275	3.777303
33	.406400	.159639	1.000617	1.000000	1.004702	3.796249
34	.419100	.160814	1.001783	1.000000	1.010328	3.810540
35	.431800	.161894	1.002662	1.000000	1.015504	3.823640
36	.444500	.162598	1.003230	1.000000	1.018880	3.832159
37	.457200	.162886	1.003456	1.000000	1.020231	3.835562
38	.469900	.163115	1.003644	1.000000	1.021356	3.838395
39	.482600	.163303	1.003794	1.000000	1.022256	3.840660
40	.495300	.163256	1.003756	1.000000	1.022031	3.840094
41	.508000	.163068	1.003606	1.000000	1.021131	3.837828
42	.520700	.170348	1.009217	1.000000	1.056013	3.924649
43	.533400	.203743	1.030543	1.000000	1.216001	4.300460

STATION X= 6.35 CM PTO= 36.858 N/SQ CM TTO=297.00K
R= 2.591 CM PWALL= .3079 N/SQ CM CF= .00146 PT = .897
UE= 665.0 M/SEC RHOE=.00434 KG/CUB M RE= 17.728E6 /M
DELTA= .400 CM DELTA*= .1544 CM THETA= .0186 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.008353	.000000	1.000000	.258424	.000000
2	.012700	.015165	.459625	1.000000	.306430	.963753
3	.025400	.025404	.614503	1.000000	.358937	1.394534
4	.038100	.034469	.696004	1.000000	.403306	1.674270
5	.050800	.040575	.737371	1.000000	.433022	1.837964
6	.063500	.045836	.767020	1.000000	.458429	1.967155
7	.076200	.049969	.787393	1.000000	.478358	2.062835
8	.088900	.053163	.801826	1.000000	.493910	2.134519
9	.101600	.056497	.815568	1.000000	.509974	2.206125
10	.114300	.060020	.828942	1.000000	.526934	2.279282
11	.127000	.063824	.842229	1.000000	.545241	2.355701
12	.139700	.067723	.854750	1.000000	.563991	2.431484
13	.152400	.071574	.866164	1.000000	.582509	2.504076
14	.165100	.075848	.877850	1.000000	.603053	2.582223
15	.177800	.080216	.888551	1.000000	.624041	2.659693
16	.190500	.085148	.900365	1.000000	.647945	2.745259
17	.203200	.089093	.908816	1.000000	.666905	2.811279
18	.215900	.093837	.918268	1.000000	.689698	2.888649
19	.228600	.098910	.927609	1.000000	.714067	2.969139
20	.241300	.104405	.936939	1.000000	.740463	3.053930
21	.254000	.109337	.944692	1.000000	.764148	3.128059
22	.266700	.114127	.951720	1.000000	.787154	3.198418
23	.279400	.119341	.958662	1.000000	.812188	3.273259
24	.292100	.123991	.964829	1.000000	.834513	3.338589
25	.304800	.129251	.971165	1.000000	.859768	3.410984
26	.317500	.134512	.977161	1.000000	.885285	3.482601
27	.330200	.139490	.982444	1.000000	.909195	3.548398
28	.342900	.144046	.987017	1.000000	.931074	3.607554
29	.355600	.148414	.991186	1.000000	.952050	3.663371
30	.368300	.151796	.994277	1.000000	.968289	3.706005
31	.381000	.154943	.997054	1.000000	.983400	3.745242
32	.393700	.157338	.999107	1.000000	.994902	3.774835
33	.406400	.159170	1.000642	1.000000	1.003697	3.797309
34	.419100	.160391	1.001649	1.000000	1.009561	3.812217
35	.431800	.166873	1.006788	1.000000	1.040582	3.890390
36	.444500	.198623	1.027815	1.000000	1.193114	4.252574
37	.457200	.211539	1.034810	1.000000	1.255117	4.391359
38	.469900	.213089	1.035601	1.000000	1.262558	4.407719
39	.482600	.213747	1.035968	1.000000	1.266043	4.415361
40	.495300	.214451	1.036321	1.000000	1.269426	4.422768
41	.508000	.214921	1.036556	1.000000	1.271681	4.427698
42	.520700	.215532	1.036860	1.000000	1.274613	4.434100
43	.533400	.216048	1.037116	1.000000	1.277094	4.439509

ID NO. 21410-004

STATION X= 6.60 CM PTO= 36.658 N/SQ CM TTO=297.00K
R= 2.591 CM PWALL= .3072 N/SQ CM CF= .00169 PT = .914
UE= 649.7 M/SEC RHOE=.00383 KG/CUB M RE= 13.412E6 /M
DELTA= .317 CM DELTA*= .1256 CM THETA= .0171 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.008334	.000000	1.000000	.292084	.000000
2	.012700	.015118	.470148	1.000000	.346267	.963078
3	.025400	.025170	.626983	1.000000	.404710	1.388510
4	.038100	.034328	.711895	1.000000	.455504	1.672567
5	.050800	.040622	.755581	1.000000	.490199	1.841572
6	.063500	.045601	.784357	1.000000	.517440	1.964109
7	.076200	.049546	.804426	1.000000	.538993	2.055886
8	.088900	.053163	.821212	1.000000	.558918	2.137230
9	.101600	.056356	.834695	1.000000	.576348	2.205930
10	.114300	.059691	.847713	1.000000	.594537	2.275411
11	.127000	.063683	.862046	1.000000	.616302	2.355857
12	.139700	.067535	.874740	1.000000	.637288	2.430909
13	.152400	.071668	.887278	1.000000	.659802	2.508926
14	.165100	.075942	.899204	1.000000	.683075	2.587104
15	.177800	.080075	.909651	1.000000	.705574	2.660500
16	.190500	.084303	.920043	1.000000	.728817	2.734254
17	.203200	.089046	.930512	1.000000	.754645	2.813941
18	.215900	.093602	.939813	1.000000	.779444	2.888390
19	.228600	.098581	.949228	1.000000	.806541	2.967598
20	.241300	.103559	.957945	1.000000	.833633	3.044735
21	.254000	.108491	.965967	1.000000	.860466	3.119255
22	.266700	.113799	.973992	1.000000	.889340	3.197504
23	.279400	.118918	.981197	1.000000	.917190	3.271203
24	.292100	.123615	.987390	1.000000	.942737	3.337379
25	.304800	.128922	.993552	1.000000	.971604	3.410608
26	.317500	.134089	1.000000	1.000000	1.000000	3.481141
27	.330200	.138973	1.005327	1.000000	1.026577	3.545884
28	.342900	.148132	1.014538	1.000000	1.076404	3.664186
29	.355600	.175844	1.037483	1.000000	1.227143	4.000831
30	.368300	.197214	1.051410	1.000000	1.343373	4.242206
31	.381000	.203414	1.054980	1.000000	1.377090	4.309698
32	.393700	.207641	1.057309	1.000000	1.400079	4.355115
33	.406400	.210553	1.058866	1.000000	1.415915	4.386128
34	.419100	.212667	1.059974	1.000000	1.427409	4.408501
35	.431800	.214123	1.060761	1.000000	1.435700	4.424569
36	.444500	.215015	1.061217	1.000000	1.440555	4.433950
37	.457200	.215813	1.061623	1.000000	1.444899	4.442328
38	.469900	.216424	1.061931	1.000000	1.448221	4.448723
39	.482600	.217035	1.062238	1.000000	1.451542	4.455109
40	.495300	.217457	1.062450	1.000000	1.453842	4.459525
41	.508000	.217880	1.062661	1.000000	1.456142	4.463937
42	.520700	.218256	1.062848	1.000000	1.458186	4.467854
43	.533400	.218632	1.063034	1.000000	1.460230	4.471769

STATION X= 6.86 CM PTO= 36.858 N/SQ CM TTO=297.00K
R= 2.591 CM PWALL= .3258 N/SQ CM CF= .00100 PI =1.360
UE= 685.4 M/SEC RHOE=.00560 KG/CUB M RE= 29.401E6 /M
DELTA= .419 CM DELTA*= .1864 CM THETA= .0176 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.008840	.000000	1.000000	.212014	.000000
2	.012700	.015024	.422430	1.000000	.246704	.904492
3	.025400	.024230	.568050	1.000000	.284304	1.305687
4	.038100	.033530	.653950	1.000000	.319772	1.594139
5	.050800	.040387	.700510	1.000000	.345681	1.775469
6	.063500	.045413	.728660	1.000000	.364522	1.896480
7	.076200	.049358	.748114	1.000000	.379285	1.986151
8	.088900	.052599	.762646	1.000000	.391398	2.056808
9	.101600	.055840	.776191	1.000000	.403636	2.125813
10	.114300	.059315	.789457	1.000000	.416618	2.196638
11	.127000	.063308	.803457	1.000000	.431519	2.275224
12	.139700	.066924	.815136	1.000000	.445011	2.344105
13	.152400	.071011	.827324	1.000000	.460249	2.419542
14	.165100	.075050	.838441	1.000000	.475305	2.491841
15	.177800	.079136	.848855	1.000000	.490532	2.562883
16	.190500	.083786	.859805	1.000000	.507855	2.641379
17	.203200	.088201	.869509	1.000000	.524468	2.714531
18	.215900	.092945	.879074	1.000000	.542142	2.790251
19	.228600	.098299	.889034	1.000000	.562088	2.873305
20	.241300	.105062	.900507	1.000000	.587277	2.974882
21	.254000	.117133	.918413	1.000000	.632221	3.147993
22	.266700	.136578	.941912	1.000000	.704600	3.408341
23	.279400	.151232	.956419	1.000000	.759366	3.592818
24	.292100	.161096	.964925	1.000000	.796084	3.711373
25	.304800	.170395	.972196	1.000000	.830702	3.819775
26	.317500	.180305	.979253	1.000000	.867590	3.932001
27	.330200	.188807	.984809	1.000000	.899231	4.025772
28	.342900	.196463	.989464	1.000000	.927725	4.108384
29	.355600	.202568	.992962	1.000000	.950449	4.173096
30	.368300	.207359	.995583	1.000000	.968279	4.223175
31	.381000	.210647	.997323	1.000000	.980515	4.257202
32	.393700	.213136	.998610	1.000000	.989779	4.282785
33	.406400	.214827	.999469	1.000000	.996071	4.300075
34	.419100	.215907	1.000012	1.000000	1.000091	4.311085
35	.431800	.216894	1.000504	1.000000	1.003762	4.321113
36	.444500	.217692	1.000899	1.000000	1.006733	4.329214
37	.457200	.218350	1.001223	1.000000	1.009180	4.335874
38	.469900	.218772	1.001430	1.000000	1.010753	4.340150
39	.482600	.219148	1.001614	1.000000	1.012152	4.343947
40	.495300	.219524	1.001797	1.000000	1.013550	4.347741
41	.508000	.219759	1.001911	1.000000	1.014424	4.350111
42	.520700	.220041	1.002048	1.000000	1.015473	4.352953
43	.533400	.220275	1.002161	1.000000	1.016347	4.355320

ID NO. 21410-006

STATION X= 7.11 CM PTO= 36.658 N/SQ CM TTO=297.00K
R= 2.591 CM PWALL= .4769 N/SQ CM CF= .00141 PT =2.081
UE= 599.0 M/SEC RHOE=.00436 KG/CUB M RE= 10.254E6 /M
DELTA= .229 CM DELTA*= .0967 CM THETA= .0174 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.012939	.000000	1.000000	.398337	.000000
2	.012700	.015670	.306893	1.000000	.422266	.548045
3	.025400	.022962	.501236	1.000000	.469272	.943606
4	.038100	.031181	.608621	1.000000	.512573	1.197460
5	.050800	.038368	.674471	1.000000	.548450	1.372675
6	.063500	.044145	.717178	1.000000	.576850	1.496906
7	.076200	.049123	.748665	1.000000	.601020	1.595027
8	.088900	.053585	.773559	1.000000	.622795	1.678521
9	.101600	.058141	.797037	1.000000	.644785	1.758822
10	.114300	.063026	.819398	1.000000	.668311	1.840858
11	.127000	.069414	.845536	1.000000	.699018	1.942730
12	.139700	.077633	.874940	1.000000	.738462	2.066230
13	.152400	.085852	.900675	1.000000	.778121	2.183371
14	.165100	.094682	.924710	1.000000	.820425	2.301766
15	.177800	.100929	.939932	1.000000	.850334	2.381920
16	.190500	.109008	.957773	1.000000	.888993	2.481693
17	.203200	.115959	.971690	1.000000	.922244	2.564405
18	.215900	.124366	.986999	1.000000	.962446	2.660976
19	.228600	.132163	1.000615	1.000000	1.000045	2.748226
20	.241300	.140946	1.013269	1.000000	1.042046	2.842525
21	.254000	.150058	1.025773	1.000000	1.085610	2.937136
22	.266700	.159217	1.037232	1.000000	1.129390	3.029242
23	.279400	.168751	1.048134	1.000000	1.174959	3.122226
24	.292100	.178051	1.057885	1.000000	1.219400	3.210315
25	.304800	.186130	1.065730	1.000000	1.258000	3.284912
26	.317500	.195007	1.073753	1.000000	1.300412	3.364968
27	.330200	.201206	1.079019	1.000000	1.330031	3.419765
28	.342900	.205762	1.082794	1.000000	1.352196	3.460204
29	.355600	.209379	1.085643	1.000000	1.369481	3.491414
30	.368300	.212009	1.087667	1.000000	1.382051	3.513937
31	.381000	.213700	1.088946	1.000000	1.390132	3.528340
32	.393700	.214827	1.089790	1.000000	1.395519	3.537910
33	.406400	.215438	1.090244	1.000000	1.398437	3.543082
34	.419100	.216095	1.090731	1.000000	1.401580	3.548645
35	.431800	.216659	1.091146	1.000000	1.404273	3.553405
36	.444500	.217082	1.091456	1.000000	1.406293	3.556971
37	.457200	.217410	1.091697	1.000000	1.407864	3.559743
38	.469900	.217786	1.091971	1.000000	1.409660	3.562907
39	.482600	.218162	1.092245	1.000000	1.411456	3.566069
40	.495300	.218538	1.092517	1.000000	1.413251	3.569228
41	.508000	.218772	1.092688	1.000000	1.414374	3.571200
42	.520700	.219054	1.092891	1.000000	1.415720	3.573566
43	.533400	.219195	1.092993	1.000000	1.416394	3.574749

STATION X= 7.37 CM PTO= 36.858 N/SQ CM TTO=297.00K
R= 2.591 CM PWALL= .6036 N/SQ CM CF= .00111 PT =2.220
UE= 622.0 M/SEC RHOE=.00626 KG/CUB M RE= 17.335E6 /M
DELTA= .317 CM DELTA*= .1320 CM THETA= .0202 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.016376	.000000	1.000000	.351180	.000000
2	.012700	.021412	.337152	1.000000	.379143	.630972
3	.025400	.025310	.424606	1.000000	.397701	.813855
4	.038100	.031369	.512827	1.000000	.423432	1.014251
5	.050800	.038649	.579286	1.000000	.448922	1.179671
6	.063500	.046726	.638078	1.000000	.477252	1.339770
7	.076200	.054384	.682860	1.000000	.503515	1.472719
8	.088900	.061852	.719498	1.000000	.528789	1.590205
9	.101600	.068756	.749071	1.000000	.552220	1.691849
10	.114300	.076975	.779605	1.000000	.579833	1.804299
11	.127000	.085759	.808006	1.000000	.609262	1.916897
12	.139700	.094729	.833407	1.000000	.639264	2.025254
13	.152400	.104264	.857329	1.000000	.671333	2.135005
14	.165100	.114973	.880784	1.000000	.707086	2.251064
15	.177800	.124836	.899899	1.000000	.739990	2.352821
16	.190500	.134230	.916252	1.000000	.771309	2.445746
17	.203200	.141651	.928073	1.000000	.796040	2.516703
18	.215900	.147991	.937495	1.000000	.817166	2.575767
19	.228600	.153862	.945716	1.000000	.836723	2.629262
20	.241300	.160391	.954445	1.000000	.858741	2.688217
21	.254000	.167765	.963585	1.000000	.883310	2.752510
22	.266700	.176360	.973517	1.000000	.911942	2.825591
23	.279400	.183593	.981331	1.000000	.936033	2.885648
24	.292100	.191860	.989713	1.000000	.963561	2.952780
25	.304800	.197731	.995340	1.000000	.983111	2.999542
26	.317500	.202803	1.000000	1.000000	1.000000	3.039361
27	.330200	.206467	1.003256	1.000000	1.012197	3.067797
28	.342900	.208969	1.005377	1.000000	1.020328	3.086607
29	.355600	.210647	1.006864	1.000000	1.026114	3.099922
30	.368300	.211915	1.007936	1.000000	1.030336	3.109602
31	.381000	.212807	1.008685	1.000000	1.033306	3.116396
32	.393700	.213418	1.009195	1.000000	1.035239	3.121036
33	.406400	.213982	1.009664	1.000000	1.037215	3.125312
34	.419100	.214498	1.010091	1.000000	1.038935	3.129228
35	.431800	.215109	1.010595	1.000000	1.040968	3.133848
36	.444500	.215626	1.011019	1.000000	1.042688	3.137753
37	.457200	.216001	1.011326	1.000000	1.043939	3.140589
38	.469900	.216330	1.011595	1.000000	1.045033	3.143069
39	.482600	.216706	1.011901	1.000000	1.046284	3.145901
40	.495300	.217129	1.012244	1.000000	1.047691	3.149084
41	.508000	.217410	1.012472	1.000000	1.048629	3.151204
42	.520700	.217786	1.012776	1.000000	1.049880	3.154028
43	.533400	.218209	1.013117	1.000000	1.051287	3.157202

STATION X= 7.62 CM PTO= 36.858 N/SQ CM TTO=297.00K
R= 2.591 CM PWALL= .6728 N/SQ CM CF= .00112 PT = 2.383
UE= 612.0 M/SEC RHOE=.00659 KG/CUB M RE= 16.94856 /M
DELTA= .256 CM DELTA*= .1148 CM THETA= .0189 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.018255	.000000	1.000000	.371888	.000000
2	.012700	.027659	.422160	1.000000	.418765	.793889
3	.025400	.032591	.492919	1.000000	.438863	.948938
4	.038100	.037522	.542763	1.000000	.456324	1.065479
5	.050800	.043252	.590303	1.000000	.476090	1.183634
6	.063500	.051284	.643773	1.000000	.502766	1.326519
7	.076200	.060537	.693601	1.000000	.532023	1.471429
8	.088900	.070729	.738513	1.000000	.565672	1.614129
9	.101600	.080686	.775544	1.000000	.597688	1.742374
10	.114300	.091301	.809030	1.000000	.631514	1.868332
11	.127000	.100976	.835510	1.000000	.662277	1.975921
12	.139700	.110980	.859643	1.000000	.694026	2.081168
13	.152400	.119857	.878931	1.000000	.722434	2.170961
14	.165100	.128124	.895107	1.000000	.748648	2.250670
15	.177800	.135827	.908951	1.000000	.773061	2.322444
16	.190500	.144751	.923694	1.000000	.801331	2.402880
17	.203200	.154708	.938713	1.000000	.832860	2.489526
18	.215900	.167261	.955722	1.000000	.872403	2.594108
19	.228600	.180634	.972183	1.000000	.915198	2.702734
20	.241300	.194725	.987520	1.000000	.959791	2.811462
21	.254000	.206420	.999047	1.000000	.996794	2.898590
22	.266700	.211211	1.003490	1.000000	1.011950	2.933529
23	.279400	.210647	1.002975	1.000000	1.010167	2.929440
24	.292100	.207735	1.000282	1.000000	1.000955	2.908223
25	.304800	.206561	.999180	1.000000	.997240	2.899624
26	.317500	.206373	.999003	1.000000	.996646	2.898245
27	.330200	.207077	.999666	1.000000	.998874	2.903411
28	.342900	.207876	1.000414	1.000000	1.001400	2.909253
29	.355600	.208674	1.001157	1.000000	1.003926	2.915084
30	.368300	.209473	1.001896	1.000000	1.006452	2.920904
31	.381000	.210224	1.002588	1.000000	1.008830	2.926370
32	.393700	.210929	1.003233	1.000000	1.011059	2.931485
33	.406400	.211633	1.003874	1.000000	1.013287	2.936592
34	.419100	.212365	1.004555	1.000000	1.015665	2.942029
35	.431800	.212995	1.005106	1.000000	1.017596	2.946439
36	.444500	.213465	1.005528	1.000000	1.019082	2.949827
37	.457200	.214310	1.006284	1.000000	1.021756	2.955916
38	.469900	.214968	1.006869	1.000000	1.023836	2.960642
39	.482600	.215766	1.007575	1.000000	1.026362	2.966372
40	.495300	.216424	1.008154	1.000000	1.028442	2.971082
41	.508000	.216941	1.008607	1.000000	1.030076	2.974777
42	.520700	.217504	1.009099	1.000000	1.031859	2.978803
43	.533400	.218115	1.009630	1.000000	1.033790	2.983159

STATION X= 7.67 CM PTO= 36.858 N/SQ CM TTO=297.00K
R= 2.591 CM PWALL= .6998 N/SQ CM CF= .00115 PT =2.289
UE= 613.0 M/SEC RHOE=.00690 KG/CUB M RE= 17.85056 /M
DELTA= .243 CM DELTA*= .1063 CM THETA= .0174 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.018985	.000000	1.000000	.369854	.000000
2	.012700	.031604	.463721	1.000000	.427827	.885281
3	.025400	.036489	.521771	1.000000	.446443	1.017543
4	.038100	.042078	.567514	1.000000	.464030	1.128339
5	.050800	.048137	.610915	1.000000	.483584	1.239959
6	.063500	.055041	.652268	1.000000	.505333	1.353335
7	.076200	.063918	.696909	1.000000	.532970	1.484971
8	.088900	.074204	.739797	1.000000	.564558	1.622396
9	.101600	.085852	.780550	1.000000	.600336	1.765177
10	.114300	.098487	.817402	1.000000	.638813	1.906633
11	.127000	.110511	.847257	1.000000	.675344	2.032207
12	.139700	.121454	.871118	1.000000	.708783	2.140544
13	.152400	.134230	.895415	1.000000	.747528	2.259583
14	.165100	.145267	.913999	1.000000	.780976	2.357517
15	.177800	.159264	.934925	1.000000	.823364	2.476070
16	.190500	.172603	.952579	1.000000	.863739	2.583941
17	.203200	.186740	.969371	1.000000	.906806	2.694245
18	.215900	.199515	.982929	1.000000	.945471	2.789563
19	.228600	.209050	.992235	1.000000	.974321	2.858616
20	.241300	.216988	.999511	1.000000	.998336	2.914848
21	.254000	.221121	1.003142	1.000000	1.010839	2.943700
22	.266700	.224456	1.005998	1.000000	1.020927	2.966774
23	.279400	.227931	1.008906	1.000000	1.031441	2.990631
24	.292100	.232205	1.012391	1.000000	1.044369	3.019710
25	.304800	.235681	1.015153	1.000000	1.054881	3.043150
26	.317500	.234460	1.014190	1.000000	1.051188	3.034935
27	.330200	.226267	1.007539	1.000000	1.026468	2.979371
28	.342900	.215860	.998502	1.000000	.994926	2.906929
29	.355600	.210083	.993206	1.000000	.977447	2.865999
30	.368300	.208299	.991525	1.000000	.972047	2.853234
31	.381000	.208299	.991525	1.000000	.972047	2.853234
32	.393700	.208862	.992058	1.000000	.973752	2.857271
33	.406400	.209520	.992677	1.000000	.975742	2.861974
34	.419100	.210412	.993513	1.000000	.978442	2.868344
35	.431800	.211258	.994300	1.000000	.981000	2.874365
36	.444500	.212056	.995039	1.000000	.983416	2.880041
37	.457200	.212761	.995687	1.000000	.985547	2.885039
38	.469900	.213559	.996418	1.000000	.987963	2.890693
39	.482600	.214310	.997102	1.000000	.990236	2.896005
40	.495300	.215156	.997868	1.000000	.992794	2.901968
41	.508000	.216189	.998797	1.000000	.995920	2.909241
42	.520700	.217176	.999678	1.000000	.998904	2.916165
43	.533400	.218021	1.000428	1.000000	1.001462	2.922088

STATION X= 8.13 CM PTO= 36.858 N/SQ CM TTO=297.00K
R= 2.591 CM PWALL= .7439 N/SQ CM CF= .00105 PT =2.327
UE= 624.8 M/SEC RHOE=.00785 KG/CUB M RE= 22.193E6 /M
DELTA= .263 CM DELTA*= .1173 CM THETA= .0179 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.020183	.000000	1.000000	.345379	.000000
2	.012700	.033671	.455869	1.000000	.399763	.887307
3	.025400	.040763	.525690	1.000000	.421659	1.050853
4	.038100	.046540	.569494	1.000000	.438470	1.160891
5	.050800	.052740	.608563	1.000000	.455908	1.264958
6	.063500	.059691	.645845	1.000000	.475109	1.370431
7	.076200	.067676	.682597	1.000000	.496958	1.481344
8	.088900	.077821	.722062	1.000000	.524336	1.609576
9	.101600	.089469	.760470	1.000000	.555788	1.745295
10	.114300	.102150	.795582	1.000000	.589729	1.880802
11	.127000	.114644	.825133	1.000000	.623085	2.005071
12	.139700	.128312	.853163	1.000000	.659737	2.133287
13	.152400	.140054	.874124	1.000000	.691022	2.236923
14	.165100	.153956	.896051	1.000000	.728033	2.353641
15	.177800	.168235	.915884	1.000000	.766018	2.467697
16	.190500	.183922	.935099	1.000000	.807729	2.587155
17	.203200	.199281	.951857	1.000000	.848822	2.699678
18	.215900	.214827	.966898	1.000000	.890151	2.808307
19	.228600	.230561	.980554	1.000000	.931969	2.914100
20	.241300	.242773	.990220	1.000000	.964419	2.993617
21	.254000	.252167	.997163	1.000000	.989377	3.053368
22	.266700	.257239	1.000750	1.000000	1.002853	3.085150
23	.279400	.258226	1.001435	1.000000	1.005473	3.091292
24	.292100	.254938	.999136	1.000000	.996739	3.070771
25	.304800	.247940	.994089	1.000000	.978146	3.026627
26	.317500	.240707	.988636	1.000000	.958928	2.980310
27	.330200	.236761	.985556	1.000000	.948444	2.954739
28	.342900	.236339	.985221	1.000000	.947321	2.951986
29	.355600	.237701	.986296	1.000000	.950940	2.960848
30	.368300	.236198	.985109	1.000000	.946947	2.951068
31	.381000	.226992	.977581	1.000000	.922483	2.890441
32	.393700	.217035	.968903	1.000000	.896019	2.823390
33	.406400	.212197	.964468	1.000000	.883160	2.790228
34	.419100	.211164	.963502	1.000000	.880413	2.783093
35	.431800	.211445	.963766	1.000000	.881162	2.785041
36	.444500	.212150	.964425	1.000000	.883035	2.789904
37	.457200	.212948	.965167	1.000000	.885157	2.795405
38	.469900	.213747	.965905	1.000000	.887280	2.800896
39	.482600	.214545	.966640	1.000000	.889402	2.806375
40	.495300	.215109	.967156	1.000000	.890900	2.810237
41	.508000	.215673	.967669	1.000000	.892398	2.814093
42	.520700	.216189	.968139	1.000000	.893772	2.817623
43	.533400	.216800	.968691	1.000000	.895395	2.821789

STATION X= 8.38 CM PTO= 36.658 N/SQ CM TTO=297.00K
R= 2.591 CM PWALL= .7672 N/SQ CM CF= .00105 PT =2.256
UE= 628.0 M/SEC RHOE=.00826 KG/CUB M RE= 23.940E6 /M
DELTA= .269 CM DELTA*= .1192 CM THETA= .0179 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.020816	.000000	1.000000	.338645	.000000
2	.012700	.035831	.466195	1.000000	.395492	.916150
3	.025400	.042970	.530454	1.000000	.416074	1.069209
4	.038100	.050532	.582759	1.000000	.436737	1.203453
5	.050800	.056685	.617638	1.000000	.453010	1.299445
6	.063500	.063355	.650534	1.000000	.470488	1.395214
7	.076200	.071104	.684396	1.000000	.490631	1.498010
8	.088900	.080921	.720641	1.000000	.515800	1.617296
9	.101600	.092334	.756762	1.000000	.545103	1.745938
10	.114300	.105263	.791152	1.000000	.577849	1.879304
11	.127000	.118120	.820669	1.000000	.610635	2.003958
12	.139700	.130801	.845984	1.000000	.642986	2.119790
13	.152400	.145690	.871672	1.000000	.680701	2.247299
14	.165100	.160062	.893290	1.000000	.717073	2.363764
15	.177800	.175186	.913206	1.000000	.755321	2.480343
16	.190500	.191014	.931788	1.000000	.795330	2.596693
17	.203200	.208346	.949750	1.000000	.839391	2.719075
18	.215900	.225818	.965666	1.000000	.883547	2.836427
19	.228600	.241646	.978574	1.000000	.923538	2.938669
20	.241300	.255173	.988629	1.000000	.957708	3.023290
21	.254000	.264754	.995272	1.000000	.981908	3.081818
22	.266700	.271001	.999406	1.000000	.997685	3.119381
23	.279400	.274195	1.001463	1.000000	1.005751	3.138412
24	.292100	.275416	1.002240	1.000000	1.008835	3.145658
25	.304800	.275745	1.002448	1.000000	1.009665	3.147606
26	.317500	.274852	1.001882	1.000000	1.007412	3.142316
27	.330200	.272860	1.000620	1.000000	1.002430	3.130590
28	.342900	.270156	.998855	1.000000	.995550	3.114324
29	.355600	.263439	.994382	1.000000	.978587	3.073851
30	.368300	.253858	.987688	1.000000	.954386	3.015168
31	.381000	.245497	.981522	1.000000	.933267	2.963010
32	.393700	.241458	.978428	1.000000	.923063	2.937476
33	.406400	.240707	.977843	1.000000	.921165	2.932701
34	.419100	.239532	.976925	1.000000	.918198	2.925224
35	.431800	.232017	.970880	1.000000	.899212	2.876910
36	.444500	.225254	.965182	1.000000	.882122	2.832719
37	.457200	.233145	.971805	1.000000	.902060	2.884209
38	.469900	.245873	.981806	1.000000	.934216	2.965374
39	.482600	.248550	.983810	1.000000	.940979	2.982163
40	.495300	.249912	.984818	1.000000	.944420	2.990668
41	.508000	.251415	.985919	1.000000	.948217	3.000025
42	.520700	.252824	.986943	1.000000	.951776	3.008771
43	.533400	.254280	.987991	1.000000	.955454	3.017781

STATION X= 8.64 CM PTO= 36.858 N/SQ CM TTO=297.00K
R= 2.591 CM PWALL= .8149 N/SQ CM CF= .00107 PT =2.201
UE= 625.2 M/SEC RHOE=.00862 KG/CUB M RE= 24.459E6 /M
DELTA= .274 CM DELTA*= .1187 CM THETA= .0182 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.022110	.000000	1.000000	.344472	.000000
2	.012700	.039213	.479956	1.000000	.405742	.943039
3	.025400	.046117	.536115	1.000000	.424442	1.077383
4	.038100	.053867	.586439	1.000000	.444735	1.206360
5	.050800	.060020	.619622	1.000000	.460326	1.296770
6	.063500	.067253	.653634	1.000000	.478478	1.394662
7	.076200	.075754	.688285	1.000000	.499632	1.500711
8	.088900	.085148	.721217	1.000000	.522700	1.608405
9	.101600	.095387	.752606	1.000000	.547913	1.718409
10	.114300	.108867	.787840	1.000000	.580780	1.852026
11	.127000	.121971	.817163	1.000000	.612648	1.972959
12	.139700	.135451	.843356	1.000000	.645373	2.089872
13	.152400	.149494	.867368	1.000000	.679662	2.205734
14	.165100	.165135	.890606	1.000000	.717577	2.327143
15	.177800	.180963	.911220	1.000000	.755918	2.443792
16	.190500	.197590	.930306	1.000000	.796171	2.560543
17	.203200	.215766	.948695	1.000000	.840155	2.682315
18	.215900	.234225	.965289	1.000000	.885101	2.801285
19	.228600	.250335	.978176	1.000000	.924082	2.900520
20	.241300	.264050	.988200	1.000000	.957262	2.982384
21	.254000	.273631	.994744	1.000000	.980439	3.038260
22	.266700	.279878	.998824	1.000000	.995548	3.074140
23	.279400	.282696	1.000619	1.000000	1.002364	3.090190
24	.292100	.283542	1.001153	1.000000	1.004409	3.094988
25	.304800	.283307	1.001005	1.000000	1.003841	3.093656
26	.317500	.282568	1.000501	1.000000	1.001910	3.089122
27	.330200	.282226	1.000322	1.000000	1.001228	3.087521
28	.342900	.289037	1.004559	1.000000	1.017699	3.125998
29	.355600	.310924	1.017185	1.000000	1.070629	3.246556
30	.368300	.321069	1.022575	1.000000	1.095160	3.300938
31	.381000	.320412	1.022234	1.000000	1.093570	3.297441
32	.393700	.317922	1.020932	1.000000	1.087551	3.284167
33	.406400	.311394	1.017441	1.000000	1.071764	3.249094
34	.419100	.300074	1.011106	1.000000	1.044392	3.187367
35	.431800	.290822	1.005644	1.000000	1.022016	3.136003
36	.444500	.286688	1.003116	1.000000	1.012020	3.112784
37	.457200	.284246	1.001595	1.000000	1.006113	3.098981
38	.469900	.275557	.996017	1.000000	.985097	3.049366
39	.482600	.264097	.988233	1.000000	.957375	2.982660
40	.495300	.257803	.983735	1.000000	.942150	2.945380
41	.508000	.257145	.983255	1.000000	.940559	2.941458
42	.520700	.257944	.983837	1.000000	.942491	2.946220
43	.533400	.258930	.984552	1.000000	.944877	2.952092

STATION X= 8.89 CM PTO= 36.658 N/SQ CM TTO=297.00K

R= 2.591 CM PWALL= .9563 N/SQ CM CF= .00089 PT =2.682

UE= 627.1 M/SEC RHOE=.01024 KG/CUB M RE= 29.473E6 /M

DELTA= .292 CM DELTA*= .1329 CM THETA= .0198 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.025946	.000000	1.000000	.340496	.000000
2	.012700	.039965	.419581	1.000000	.385222	.810418
3	.025400	.047855	.493255	1.000000	.405574	.977561
4	.038100	.056403	.548399	1.000000	.424739	1.112231
5	.050800	.063449	.585811	1.000000	.440102	1.209407
6	.063500	.070776	.619480	1.000000	.455972	1.301627
7	.076200	.079465	.653662	1.000000	.474089	1.400623
8	.088900	.088858	.686083	1.000000	.493784	1.500317
9	.101600	.100319	.720141	1.000000	.517488	1.612149
10	.114300	.113188	.753334	1.000000	.544164	1.729377
11	.127000	.126574	.783032	1.000000	.571655	1.842401
12	.139700	.139960	.809005	1.000000	.599083	1.948644
13	.152400	.155224	.834974	1.000000	.630308	2.062942
14	.165100	.171147	.858864	1.000000	.663064	2.176404
15	.177800	.187914	.880845	1.000000	.697311	2.289023
16	.190500	.205956	.901671	1.000000	.734119	2.404191
17	.203200	.223563	.919685	1.000000	.770043	2.511505
18	.215900	.242022	.936514	1.000000	.807674	2.619208
19	.228600	.260164	.951394	1.000000	.844800	2.721291
20	.241300	.280301	.966204	1.000000	.885971	2.830194
21	.254000	.312098	.986543	1.000000	.950771	2.993586
22	.266700	.329383	.996324	1.000000	.985987	3.078746
23	.279400	.334079	.998847	1.000000	.995555	3.101481
24	.292100	.336240	.999989	1.000000	.999957	3.111884
25	.304800	.337179	1.000482	1.000000	1.001870	3.116395
26	.317500	.337743	1.000777	1.000000	1.003019	3.119099
27	.330200	.338306	1.001071	1.000000	1.004167	3.121801
28	.342900	.339152	1.001510	1.000000	1.005889	3.125849
29	.355600	.339997	1.001948	1.000000	1.007611	3.129892
30	.368300	.340185	1.002045	1.000000	1.007994	3.130789
31	.381000	.339950	1.001924	1.000000	1.007516	3.129667
32	.393700	.339058	1.001461	1.000000	1.005698	3.125399
33	.406400	.338166	1.000997	1.000000	1.003880	3.121126
34	.419100	.336944	1.000359	1.000000	1.001392	3.115268
35	.431800	.335019	.999345	1.000000	.997469	3.106008
36	.444500	.332060	.997769	1.000000	.991441	3.091726
37	.457200	.324216	.993485	1.000000	.975461	3.053541
38	.469900	.310830	.985793	1.000000	.948187	2.987242
39	.482600	.298900	.978499	1.000000	.923877	2.926882
40	.495300	.290399	.973027	1.000000	.906553	2.883094
41	.508000	.277718	.964400	1.000000	.880706	2.816501
42	.520700	.265036	.955164	1.000000	.854854	2.748285
43	.533400	.259259	.950737	1.000000	.843076	2.716636

ID NO. 21410-014

STATION X= 9.14 CM PTO= 36.858 N/SQ CM TTO=297.00K
R= 2.591 CM PWALL= 1.3399 N/SQ CM CF= .00058 PI =5.015
UE= 588.0 M/SEC RHOE=.01163 KG/CUB M RE= 25.469E6 /M
DELTA= .243 CM DELTA*= .1189 CM THETA= .0199 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.036354	.000000	1.000000	.420058	.000000
2	.012700	.042172	.267587	1.000000	.438257	.465428
3	.025400	.047198	.352023	1.000000	.452584	.622219
4	.038100	.054337	.432492	1.000000	.471169	.779991
5	.050800	.062087	.494477	1.000000	.489464	.908928
6	.063500	.069930	.544158	1.000000	.507148	1.018157
7	.076200	.077727	.578992	1.000000	.521432	1.098485
8	.088900	.087590	.619841	1.000000	.540486	1.197279
9	.101600	.099614	.662046	1.000000	.563225	1.305425
10	.114300	.115442	.708524	1.000000	.592578	1.433012
11	.127000	.132022	.749312	1.000000	.622879	1.553772
12	.139700	.156211	.798995	1.000000	.667004	1.714475
13	.152400	.182090	.842365	1.000000	.713795	1.869863
14	.165100	.211962	.883603	1.000000	.767638	2.034034
15	.177800	.239532	.915601	1.000000	.817519	2.175093
16	.190500	.266398	.942210	1.000000	.865830	2.303492
17	.203200	.292043	.964380	1.000000	.911907	2.419615
18	.215900	.313836	.981180	1.000000	.951042	2.514035
19	.228600	.329899	.992535	1.000000	.979878	2.581396
20	.241300	.339950	.999244	1.000000	.997917	2.622657
21	.254000	.345399	1.002762	1.000000	1.007695	2.644752
22	.266700	.347982	1.004401	1.000000	1.012330	2.655163
23	.279400	.349344	1.005259	1.000000	1.014774	2.660636
24	.292100	.349955	1.005642	1.000000	1.015870	2.663086
25	.304800	.350330	1.005877	1.000000	1.016544	2.664592
26	.317500	.350189	1.005789	1.000000	1.016291	2.664027
27	.330200	.350002	1.005671	1.000000	1.015954	2.663274
28	.342900	.349532	1.005377	1.000000	1.015111	2.661390
29	.355600	.349109	1.005111	1.000000	1.014353	2.659693
30	.368300	.348733	1.004875	1.000000	1.013679	2.658184
31	.381000	.348311	1.004609	1.000000	1.012920	2.656485
32	.393700	.347606	1.004164	1.000000	1.011656	2.653651
33	.406400	.346714	1.003599	1.000000	1.010055	2.650057
34	.419100	.345540	1.002851	1.000000	1.007948	2.645321
35	.431800	.344412	1.002131	1.000000	1.005925	2.640766
36	.444500	.342956	1.001195	1.000000	1.003312	2.634871
37	.457200	.341406	1.000192	1.000000	1.000530	2.628580
38	.469900	.339716	.999090	1.000000	.997496	2.621701
39	.482600	.337508	.997640	1.000000	.993534	2.612692
40	.495300	.333751	.995140	1.000000	.986790	2.597285
41	.508000	.324122	.988544	1.000000	.969508	2.557376
42	.520700	.308247	.977032	1.000000	.941007	2.490165
43	.533400	.289741	.962503	1.000000	.907773	2.409425

ID NO. 21410-015

STATION X= 9.40 CM PTO= 36.858 N/SQ CM TTO=297.00K
R= 2.591 CM PWALL= 1.4727 N/SQ CM CF= .00052 PI =5.305
UE= 598.0 M/SEC RHOE=.01341 KG/CUB M RE= 31.318E6 /M
DELTA= .250 CM DELTA*= .1231 CM THETA= .0193 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.039957	.000000	1.000000	.400239	.000000
2	.012700	.050063	.322532	1.000000	.426872	.576815
3	.025400	.052693	.355994	1.000000	.433163	.641332
4	.038100	.058141	.411629	1.000000	.445513	.752057
5	.050800	.064764	.463573	1.000000	.459458	.860113
6	.063500	.072654	.511698	1.000000	.474801	.965125
7	.076200	.082330	.556136	1.000000	.491391	1.067109
8	.088900	.093837	.600907	1.000000	.510878	1.175656
9	.101600	.107928	.646230	1.000000	.533985	1.292606
10	.114300	.126010	.694364	1.000000	.563058	1.426192
11	.127000	.147850	.742338	1.000000	.597825	1.571098
12	.139700	.171335	.785096	1.000000	.634976	1.712441
13	.152400	.200314	.828576	1.000000	.680399	1.870805
14	.165100	.229669	.865153	1.000000	.726275	2.018171
15	.177800	.265647	.902598	1.000000	.782658	2.185722
16	.190500	.309374	.939670	1.000000	.850806	2.372492
17	.203200	.347935	.966787	1.000000	.910842	2.525613
18	.215900	.382363	.987610	1.000000	.964411	2.654794
19	.228600	.405800	1.000397	1.000000	1.001193	2.739970
20	.241300	.410450	1.002785	1.000000	1.008429	2.756416
21	.254000	.400915	.997845	1.000000	.993591	2.722585
22	.266700	.383537	.988272	1.000000	.966237	2.659088
23	.279400	.369681	.980267	1.000000	.944681	2.607962
24	.292100	.360945	.974992	1.000000	.931088	2.575199
25	.304800	.355779	.971785	1.000000	.923049	2.555624
26	.317500	.354041	.970692	1.000000	.920344	2.549006
27	.330200	.353430	.970306	1.000000	.919394	2.546676
28	.342900	.353148	.970127	1.000000	.918955	2.545600
29	.355600	.353008	.970038	1.000000	.918736	2.545062
30	.368300	.352867	.969948	1.000000	.918517	2.544524
31	.381000	.353055	.970068	1.000000	.918809	2.545242
32	.393700	.353148	.970127	1.000000	.918955	2.545600
33	.406400	.352773	.969889	1.000000	.918371	2.544165
34	.419100	.352350	.969620	1.000000	.917713	2.542549
35	.431800	.351833	.969291	1.000000	.916909	2.540573
36	.444500	.351364	.968992	1.000000	.916178	2.538776
37	.457200	.351270	.968932	1.000000	.916032	2.538416
38	.469900	.350659	.968541	1.000000	.915081	2.536076
39	.482600	.349814	.967999	1.000000	.913766	2.532834
40	.495300	.348264	.967000	1.000000	.911353	2.526878
41	.508000	.346385	.965781	1.000000	.908429	2.519639
42	.520700	.344224	.964367	1.000000	.905067	2.511289
43	.533400	.341876	.962815	1.000000	.901411	2.502181

ID NO. 21410-016

STATION X= 9.65 CM PTO= 36.858 N/SQ CM TTO=297.00K
R= 2.591 CM PWALL= 1.5886 N/SQ CM CF= .00063 PI =4.520
UE= 598.1 M/SEC RHOE=.01379 KG/CUB M RE= 30.22656 /M
DELTA= .243 CM DELTA*= .1142 CM THETA= .0196 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.043101	.000000	1.000000	.419877	.000000
2	.012700	.057343	.367455	1.000000	.455561	.651872
3	.025400	.061053	.404019	1.000000	.463796	.723185
4	.038100	.067206	.453278	1.000000	.476695	.822562
5	.050800	.073735	.495126	1.000000	.489491	.910484
6	.063500	.082471	.541951	1.000000	.506116	1.013391
7	.076200	.092757	.581055	1.000000	.522147	1.103564
8	.088900	.106049	.626614	1.000000	.543729	1.214439
9	.101600	.122722	.674113	1.000000	.570197	1.337926
10	.114300	.143717	.723391	1.000000	.602903	1.476321
11	.127000	.167436	.769228	1.000000	.639340	1.616610
12	.139700	.197590	.817390	1.000000	.685620	1.778915
13	.152400	.227884	.857122	1.000000	.731738	1.927101
14	.165100	.260997	.893453	1.000000	.782022	2.076658
15	.177800	.297914	.927565	1.000000	.838285	2.232154
16	.190500	.334220	.955799	1.000000	.893303	2.374381
17	.203200	.364515	.976283	1.000000	.939178	2.486758
18	.215900	.386637	.989776	1.000000	.972662	2.565677
19	.228600	.398942	.996813	1.000000	.991283	2.608534
20	.241300	.404203	.999726	1.000000	.999243	2.626639
21	.254000	.407303	1.001417	1.000000	1.003933	2.637249
22	.266700	.409604	1.002660	1.000000	1.007415	2.645099
23	.279400	.412610	1.004269	1.000000	1.011962	2.655316
24	.292100	.415710	1.005910	1.000000	1.016652	2.665811
25	.304800	.418669	1.007460	1.000000	1.021128	2.675791
26	.317500	.416321	1.006231	1.000000	1.017576	2.667873
27	.330200	.404344	.999803	1.000000	.999456	2.627122
28	.342900	.384805	.988701	1.000000	.969889	2.559236
29	.355600	.369963	.979712	1.000000	.947425	2.506427
30	.368300	.362072	.974721	1.000000	.935480	2.477889
31	.381000	.358409	.972351	1.000000	.929934	2.464525
32	.393700	.357376	.971677	1.000000	.928369	2.460743
33	.406400	.357141	.971523	1.000000	.928014	2.459882
34	.419100	.356906	.971369	1.000000	.927658	2.459021
35	.431800	.356060	.970814	1.000000	.926378	2.455920
36	.444500	.354276	.969636	1.000000	.923676	2.449360
37	.457200	.351411	.967727	1.000000	.919338	2.438791
38	.469900	.346855	.964647	1.000000	.912439	2.421890
39	.482600	.340467	.960231	1.000000	.902765	2.397989
40	.495300	.331073	.953523	1.000000	.888537	2.362397
41	.508000	.320693	.945796	1.000000	.872811	2.322424
42	.520700	.308482	.936251	1.000000	.854305	2.274484
43	.533400	.295600	.925777	1.000000	.835081	2.223589

STATION X= 9.91 CM PTO= 36.859 N/SQ CM TTO=297.00K
R= 2.591 CM PWALL= 1.6227 N/SQ CM CF= .00075 PI =3.781
UE= 589.7 M/SEC RHOE=.01419 KG/CUB M RE= 31.418E6 /M
DELTA= .244 CM DELTA*= .1099 CM THETA= .0193 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.044026	.000000	1.000000	.416748	.000000
2	.012700	.063590	.413480	1.000000	.462907	.744181
3	.025400	.068756	.452808	1.000000	.473355	.824107
4	.038100	.075754	.496252	1.000000	.486647	.915769
5	.050800	.082987	.532942	1.000000	.499494	.996373
6	.063500	.092522	.571087	1.000000	.514645	1.083759
7	.076200	.102808	.607481	1.000000	.531051	1.171054
8	.088900	.119294	.656310	1.000000	.556578	1.295236
9	.101600	.134512	.694329	1.000000	.579768	1.398521
10	.114300	.157620	.742917	1.000000	.614592	1.540672
11	.127000	.183922	.788598	1.000000	.653945	1.686953
12	.139700	.214496	.832289	1.000000	.699267	1.841073
13	.152400	.247517	.871403	1.000000	.748051	1.993706
14	.165100	.281287	.905127	1.000000	.798111	2.139036
15	.177800	.317359	.935497	1.000000	.851262	2.283235
16	.190500	.352773	.961037	1.000000	.903394	2.416324
17	.203200	.381564	.979293	1.000000	.945751	2.519286
18	.215900	.401807	.990994	1.000000	.975520	2.589202
19	.228600	.412000	.996570	1.000000	.990506	2.623692
20	.241300	.413612	.999765	1.000000	.999344	2.643823
21	.254000	.419186	1.000382	1.000000	1.001071	2.647737
22	.266700	.418528	1.000037	1.000000	1.000104	2.645546
23	.279400	.417166	.999320	1.000000	.998101	2.641001
24	.292100	.415569	.998475	1.000000	.995754	2.635663
25	.304800	.413597	.997425	1.000000	.992854	2.629054
26	.317500	.411436	.996267	1.000000	.989677	2.621796
27	.330200	.409181	.995048	1.000000	.986363	2.614201
28	.342900	.407397	.994077	1.000000	.983738	2.608173
29	.355600	.405941	.993280	1.000000	.981598	2.603244
30	.368300	.403029	.991673	1.000000	.977316	2.593359
31	.381000	.398614	.989205	1.000000	.970824	2.578298
32	.393700	.386496	.982224	1.000000	.953004	2.536498
33	.406400	.365877	.969597	1.000000	.922675	2.463726
34	.419100	.340232	.952416	1.000000	.884938	2.370062
35	.431800	.316278	.934656	1.000000	.849671	2.279051
36	.444500	.302517	.923596	1.000000	.829400	2.225055
37	.457200	.290822	.913646	1.000000	.812167	2.178096
38	.469900	.281381	.905213	1.000000	.798250	2.139424
39	.482600	.272551	.896977	1.000000	.785229	2.102596
40	.495300	.263063	.887555	1.000000	.770983	2.061552
41	.508000	.253999	.878294	1.000000	.757614	2.022276
42	.520700	.245075	.868745	1.000000	.744446	1.982831
43	.533400	.235164	.857598	1.000000	.729814	1.938058

STATION X= 10.16 CM PTO= 36.858 N/SQ CM TTO=297.00K
R= 2.591 CM PWALL= 1.6579 N/SQ CM CF= .00085 PI =3.301
UE= 587.8 M/SEC RHOE=.01437 KG/CUB M RE= 31.428E6 /M
DELTA= .241 CM DELTA*= .1045 CM THETA= .0190 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.044981	.000000	1.000000	.420541	.000000
2	.012700	.069367	.448216	1.000000	.475947	.811632
3	.025400	.075003	.484309	1.000000	.486690	.886831
4	.038100	.083410	.528338	1.000000	.501690	.982249
5	.050800	.091207	.559944	1.000000	.513909	1.053609
6	.063500	.101681	.598374	1.000000	.530635	1.144097
7	.076200	.112765	.633393	1.000000	.547916	1.230615
8	.088900	.128265	.674977	1.000000	.571386	1.339201
9	.101600	.147804	.719330	1.000000	.600629	1.463267
10	.114300	.171616	.764340	1.000000	.635766	1.599659
11	.127000	.199562	.808525	1.000000	.676981	1.746120
12	.139700	.230655	.849217	1.000000	.722440	1.894575
13	.152400	.261701	.883408	1.000000	.767712	2.031668
14	.165100	.298477	.917789	1.000000	.821529	2.183466
15	.177800	.335207	.946725	1.000000	.874965	2.324404
16	.190500	.365454	.967460	1.000000	.918936	2.434264
17	.203200	.391803	.983649	1.000000	.957221	2.526029
18	.215900	.409463	.993656	1.000000	.982872	2.585691
19	.228600	.418575	.998580	1.000000	.996104	2.615937
20	.241300	.421299	1.000022	1.000000	1.000060	2.624912
21	.254000	.420313	.999501	1.000000	.998628	2.621666
22	.266700	.416462	.997452	1.000000	.993035	2.608953
23	.279400	.410731	.994351	1.000000	.984713	2.589922
24	.292100	.403921	.990583	1.000000	.974822	2.567118
25	.304800	.395983	.986075	1.000000	.963293	2.540279
26	.317500	.387905	.981353	1.000000	.951557	2.512666
27	.330200	.379685	.976402	1.000000	.939616	2.484253
28	.342900	.370574	.970732	1.000000	.926376	2.452366
29	.355600	.361321	.964770	1.000000	.912929	2.419550
30	.368300	.352209	.958686	1.000000	.899685	2.386788
31	.381000	.342628	.952047	1.000000	.885756	2.351839
32	.393700	.332435	.944696	1.000000	.870936	2.314074
33	.406400	.323695	.938140	1.000000	.858223	2.281182
34	.419100	.315151	.931494	1.000000	.845794	2.248560
35	.431800	.308388	.926056	1.000000	.835953	2.222389
36	.444500	.301296	.920177	1.000000	.825631	2.194606
37	.457200	.295237	.915005	1.000000	.816811	2.170583
38	.469900	.289225	.909730	1.000000	.808058	2.146476
39	.482600	.282696	.903834	1.000000	.798550	2.119980
40	.495300	.272645	.894224	1.000000	.783651	2.077782
41	.508000	.258038	.879654	1.000000	.762375	2.015989
42	.520700	.236714	.856339	1.000000	.731283	1.922122
43	.533400	.216424	.831508	1.000000	.701652	1.828183

ID NO. 21410-019

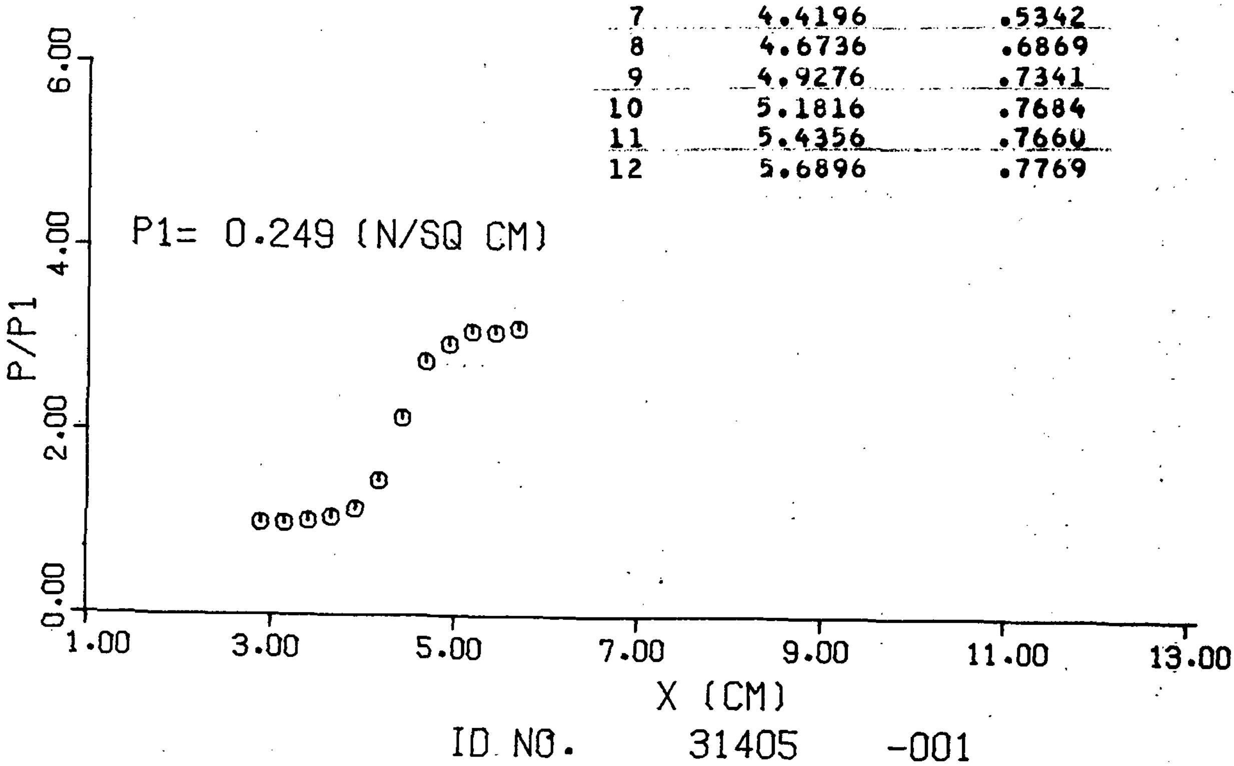
STATION X= 10.41 CM PTO= 36.858 N/SQ CM TTO=297.00K
R= 2.591 CM PWALL= 1.5908 N/SQ CM CF= .00115 PT =2.348
UE= 580.4 M/SEC RHOE=.01333 KG/CUB M RE= 27.863E6 /M
DELTA= .236 CM DELTA*= .0930 CM THETA= .0184 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.045160	.000000	1.000000	.435006	.000000
2	.012700	.075861	.512938	1.000000	.510951	.934305
3	.025400	.083974	.555739	1.000000	.526959	1.028059
4	.038100	.093790	.592376	1.000000	.542578	1.111957
5	.050800	.102573	.623422	1.000000	.557405	1.186116
6	.063500	.112765	.655606	1.000000	.574190	1.264832
7	.076200	.126668	.692741	1.000000	.596526	1.363812
8	.088900	.142872	.730767	1.000000	.622966	1.469844
9	.101600	.161612	.768424	1.000000	.652784	1.582141
10	.114300	.185707	.809694	1.000000	.691139	1.715817
11	.127000	.212244	.843262	1.000000	.733999	1.850726
12	.139700	.235825	.881048	1.000000	.774924	1.976337
13	.152400	.266445	.910621	1.000000	.818465	2.099410
14	.165100	.294465	.936608	1.000000	.862477	2.216621
15	.177800	.320693	.958040	1.000000	.903578	2.320737
16	.190500	.343285	.974664	1.000000	.938985	2.406823
17	.203200	.360569	.986284	1.000000	.966064	2.470635
18	.215900	.373392	.994577	1.000000	.986146	2.516917
19	.228600	.380061	.998682	1.000000	.996591	2.541654
20	.241300	.382879	1.000386	1.000000	1.001004	2.550616
21	.254000	.381705	.999676	1.000000	.999165	2.546470
22	.266700	.378511	.997737	1.000000	.994164	2.535158
23	.279400	.373740	.996035	1.000000	.989824	2.525301
24	.292100	.368178	.991295	1.000000	.977981	2.498204
25	.304800	.360663	.986446	1.000000	.966211	2.470977
26	.317500	.353994	.982021	1.000000	.955763	2.446557
27	.330200	.347043	.977282	1.000000	.944873	2.420840
28	.342900	.339622	.972073	1.000000	.933245	2.393074
29	.355600	.332576	.965980	1.000000	.922204	2.366413
30	.368300	.325202	.961435	1.000000	.910646	2.338175
31	.381000	.317781	.955779	1.000000	.899013	2.309404
32	.393700	.310407	.949924	1.000000	.887451	2.280450
33	.406400	.302939	.943797	1.000000	.875739	2.250741
34	.419100	.296270	.938149	1.000000	.865277	2.223868
35	.431800	.289741	.932456	1.000000	.855035	2.197239
36	.444500	.282180	.925630	1.000000	.843168	2.165978
37	.457200	.275134	.919051	1.000000	.832109	2.136433
38	.469900	.268371	.912520	1.000000	.821489	2.107673
39	.482600	.261701	.905692	1.000000	.810749	2.078182
40	.495300	.253811	.897520	1.000000	.798361	2.043636
41	.508000	.246936	.890492	1.000000	.787517	2.012911
42	.520700	.239861	.882227	1.000000	.776448	1.981054
43	.533400	.233145	.874446	1.000000	.765990	1.950185

ID NO. 31405-001

PTO= 30.6499 N/SQ CM
TTO= 301.6667 K
PBAR= 747.0000 MMHG
TMAN= 299.2222 K

I	X(CM)	P(N/SQ CM)
1	2.8956	.2491
2	3.1496	.2491
3	3.4036	.2552
4	3.6576	.2654
5	3.9116	.2871
6	4.1656	.3652
7	4.4196	.5342
8	4.6736	.6869
9	4.9276	.7341
10	5.1816	.7684
11	5.4356	.7660
12	5.6896	.7769



STATION X= 2.90 CM PTO= 30.650 N/SQ CM TTO=301.67K
R= 1.181 CM PWALL= .2491 N/SQ CM CF= .00216 PI = .559
UE= 651.3 M/SEC RHOE=.00298 KG/CUB M RE= 10.017E6 /M
DELTA= .292 CM DELTA*= .1142 CM THETA= .0177 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.008127	.000000	1.000000	.299671	.000000
2	.012700	.024505	.629898	1.000000	.414982	1.387073
3	.025400	.035242	.729475	1.000000	.477692	1.723449
4	.038100	.040893	.767697	1.000000	.510291	1.874619
5	.050800	.044792	.790365	1.000000	.532729	1.971946
6	.063500	.048183	.808097	1.000000	.552215	2.052727
7	.076200	.051291	.823122	1.000000	.570251	2.124766
8	.088900	.054342	.836600	1.000000	.587774	2.192486
9	.101600	.057789	.850649	1.000000	.607556	2.266508
10	.114300	.061519	.864614	1.000000	.628948	2.343925
11	.127000	.065418	.878014	1.000000	.651302	2.422181
12	.139700	.069204	.889994	1.000000	.673000	2.495794
13	.152400	.073499	.902505	1.000000	.697604	2.576723
14	.165100	.077907	.914295	1.000000	.722847	2.657196
15	.177800	.082314	.925253	1.000000	.748329	2.736028
16	.190500	.086722	.935283	1.000000	.773576	2.811955
17	.203200	.091300	.944925	1.000000	.799789	2.888677
18	.215900	.096668	.955345	1.000000	.830527	2.976125
19	.228600	.101471	.963949	1.000000	.858025	3.052233
20	.241300	.106557	.972400	1.000000	.887138	3.130793
21	.254000	.111021	.979319	1.000000	.912689	3.198154
22	.266700	.116333	.987005	1.000000	.943089	3.276493
23	.279400	.121363	.993788	1.000000	.971869	3.348971
24	.292100	.126279	1.000000	1.000000	1.000000	3.418329
25	.304800	.131648	1.006417	1.000000	1.031024	3.493222
26	.317500	.137016	1.012367	1.000000	1.061752	3.565853
27	.330200	.141706	1.017264	1.000000	1.088598	3.628116
28	.342900	.146453	1.021957	1.000000	1.115766	3.690057
29	.355600	.150578	1.025838	1.000000	1.139375	3.743052
30	.368300	.154138	1.029049	1.000000	1.159749	3.788190
31	.381000	.157190	1.031705	1.000000	1.177213	3.826455
32	.393700	.158716	1.033001	1.000000	1.185944	3.845445
33	.406400	.160637	1.034604	1.000000	1.196939	3.869224
34	.419100	.162219	1.035900	1.000000	1.205994	3.888698
35	.431800	.162671	1.036267	1.000000	1.208581	3.894244
36	.444500	.163576	1.036995	1.000000	1.213755	3.905313
37	.457200	.164367	1.037626	1.000000	1.218282	3.914972
38	.469900	.164367	1.037626	1.000000	1.218282	3.914972
39	.482600	.164649	1.037850	1.000000	1.219899	3.918416
40	.495300	.164706	1.037895	1.000000	1.220222	3.919104
41	.508000	.164706	1.037895	1.000000	1.220222	3.919104
42	.520700	.164649	1.037850	1.000000	1.219899	3.918416
43	.533400	.164254	1.037536	1.000000	1.217635	3.913593

STATION X= 3.15 CM PTO= 30.650 N/SQ CM TTO=301.67K
P= 1.181 CM PWALL= .2491 N/SQ CM CF= .00211 PI = .586
UE= 652.8 M/SEC RHOE=.00302 KG/CUB M RE= 10.276E6 /M
DELTA= .292 CM DELTA*= .1155 CM THETA= .0177 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.008127	.000000	1.000000	.296318	.000000
2	.012700	.024053	.623115	1.000000	.407713	1.371009
3	.025400	.034564	.722649	1.000000	.468470	1.704365
4	.038100	.040610	.764121	1.000000	.502972	1.867362
5	.050800	.044622	.787550	1.000000	.525804	1.967818
6	.063500	.048183	.806169	1.000000	.546035	2.052727
7	.076200	.051291	.821156	1.000000	.563870	2.124766
8	.088900	.054455	.835082	1.000000	.581838	2.194953
9	.101600	.058015	.849498	1.000000	.602040	2.271276
10	.114300	.061575	.862754	1.000000	.622231	2.345078
11	.127000	.065644	.876660	1.000000	.645295	2.426639
12	.139700	.069656	.889237	1.000000	.668030	2.504437
13	.152400	.074121	.902071	1.000000	.693318	2.588224
14	.165100	.078472	.913552	1.000000	.717958	2.667335
15	.177800	.082823	.924240	1.000000	.742836	2.744896
16	.190500	.087513	.934768	1.000000	.769400	2.825365
17	.203200	.092599	.945271	1.000000	.798198	2.910091
18	.215900	.097233	.954110	1.000000	.824432	2.985180
19	.228600	.102715	.963769	1.000000	.855461	3.071623
20	.241300	.107857	.972136	1.000000	.884567	3.150554
21	.254000	.112943	.979821	1.000000	.913349	3.226710
22	.266700	.117859	.986751	1.000000	.941169	3.298650
23	.279400	.123058	.993599	1.000000	.970586	3.373049
24	.292100	.128257	1.000000	1.000000	1.000000	3.445837
25	.304800	.133286	1.005869	1.000000	1.028762	3.515553
26	.317500	.138429	1.011452	1.000000	1.057867	3.584721
27	.330200	.143119	1.016257	1.000000	1.084412	3.646661
28	.342900	.147075	1.020114	1.000000	1.106798	3.698091
29	.355600	.151087	1.023856	1.000000	1.129503	3.749534
30	.368300	.154364	1.026793	1.000000	1.148051	3.791038
31	.381000	.157303	1.029340	1.000000	1.164679	3.827865
32	.393700	.161033	1.032461	1.000000	1.185784	3.874102
33	.406400	.161089	1.032507	1.000000	1.186104	3.874798
34	.419100	.162389	1.033566	1.000000	1.193458	3.890779
35	.431800	.163067	1.034113	1.000000	1.197295	3.899091
36	.444500	.163463	1.034430	1.000000	1.199534	3.903931
37	.457200	.164141	1.034971	1.000000	1.203371	3.912215
38	.469900	.164762	1.035464	1.000000	1.206888	3.919792
39	.482600	.164762	1.035464	1.000000	1.206888	3.919792
40	.495300	.164762	1.035464	1.000000	1.206888	3.919792
41	.508000	.164762	1.035464	1.000000	1.206888	3.919792
42	.520700	.164762	1.035464	1.000000	1.206888	3.919792
43	.533400	.164197	1.035016	1.000000	1.203690	3.912904

STATION X= 3.40 CM PTO= 30.650 N/SQ CM TTO=301.67K
R= 1.181 CM PWALL= .2552 N/SQ CM CF= .00212 PI = .597
UE= 651.0 M/SEC RHOE=.00305 KG/CUB M RE= 10.213E6 /M
DELTA= .292 CM DELTA*= .1150 CM THETA= .0179 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.008327	.000000	1.000000	.300316	.000000
2	.012700	.024166	.619311	1.000000	.410470	1.354243
3	.025400	.034451	.717449	1.000000	.469354	1.677598
4	.038100	.040893	.761921	1.000000	.505738	1.849352
5	.050800	.045244	.787235	1.000000	.530239	1.956534
6	.063500	.048748	.805441	1.000000	.549939	2.038628
7	.076200	.051912	.820625	1.000000	.567903	2.110711
8	.088900	.054907	.833770	1.000000	.584728	2.176056
9	.101600	.058411	.847975	1.000000	.604398	2.250046
10	.114300	.062423	.862881	1.000000	.626911	2.331849
11	.127000	.065983	.875040	1.000000	.646877	2.402070
12	.139700	.070504	.889219	1.000000	.672220	2.488351
13	.152400	.074686	.901232	1.000000	.695655	2.565550
14	.165100	.079206	.913178	1.000000	.720981	2.646452
15	.177800	.083897	.924667	1.000000	.747494	2.728575
16	.190500	.088531	.935031	1.000000	.773456	2.806666
17	.203200	.093447	.945179	1.000000	.800996	2.887194
18	.215900	.098194	.954242	1.000000	.827582	2.962857
19	.228600	.103788	.964103	1.000000	.858911	3.049609
20	.241300	.108648	.972029	1.000000	.886122	3.123005
21	.254000	.113508	.979423	1.000000	.913330	3.194707
22	.266700	.118650	.986727	1.000000	.942117	3.268858
23	.279400	.123680	.993402	1.000000	.970269	3.339781
24	.292100	.128992	1.000000	1.000000	1.000000	3.413083
25	.304800	.133569	1.005408	1.000000	1.025923	3.475734
26	.317500	.138598	1.010951	1.000000	1.054082	3.542536
27	.330200	.143345	1.015892	1.000000	1.080659	3.604446
28	.342900	.147470	1.019974	1.000000	1.103754	3.657395
29	.355600	.151313	1.023612	1.000000	1.125266	3.706036
30	.368300	.154478	1.026495	1.000000	1.142981	3.745618
31	.381000	.157473	1.029136	1.000000	1.159747	3.782696
32	.393700	.159563	1.030931	1.000000	1.171452	3.808367
33	.406400	.161315	1.032405	1.000000	1.181258	3.829742
34	.419100	.162558	1.033436	1.000000	1.188217	3.844839
35	.431800	.163802	1.034453	1.000000	1.195176	3.859877
36	.444500	.164254	1.034819	1.000000	1.197707	3.865331
37	.457200	.164762	1.035230	1.000000	1.200554	3.871458
38	.469900	.165723	1.036000	1.000000	1.205931	3.883003
39	.482600	.177986	1.045209	1.000000	1.274570	4.027466
40	.495300	.220085	1.070083	1.000000	1.510584	4.488865
41	.508000	.229070	1.074353	1.000000	1.560884	4.581197
42	.520700	.229183	1.074404	1.000000	1.561517	4.582347
43	.533400	.229636	1.074611	1.000000	1.564048	4.586942

STATION X= 3.66 CM PTO= 30.650 N/SQ CM TTO=301.67K
R= 1.181 CM PWALL= .2654 N/SQ CM CF= .00217 PI [illegible]= .591
UE= 646.1 M/SEC RHOE=.00307 KG/CUB M RE= 9.839E6 /M
DELTA= .292 CM DELTA*= .1124 CM THETA= .0181 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	PHO/RHOE	M
1	.000000	.008659	.000000	1.000000	.310621	.000000
2	.012700	.024788	.619958	1.000000	.422591	1.342522
3	.025400	.034959	.716037	1.000000	.480429	1.653289
4	.038100	.041006	.758251	1.000000	.514575	1.811910
5	.050800	.045753	.786121	1.000000	.541177	1.926452
6	.063500	.049256	.804419	1.000000	.560779	2.006676
7	.076200	.052703	.820840	1.000000	.580045	2.082514
8	.088900	.056094	.835817	1.000000	.599184	2.155213
9	.101600	.059541	.849706	1.000000	.618436	2.225948
10	.114300	.063045	.862748	1.000000	.637993	2.295572
11	.127000	.067170	.876884	1.000000	.661009	2.374896
12	.139700	.071239	.889690	1.000000	.683699	2.450586
13	.152400	.075703	.902604	1.000000	.708586	2.531003
14	.165100	.080054	.914186	1.000000	.732835	2.606973
15	.177800	.084631	.925425	1.000000	.758337	2.684549
16	.190500	.089265	.936033	1.000000	.784406	2.761600
17	.203200	.093842	.945647	1.000000	.809912	2.834961
18	.215900	.098533	.954797	1.000000	.836044	2.908201
19	.228600	.103393	.963608	1.000000	.863115	2.982180
20	.241300	.108931	.972910	1.000000	.893960	3.064294
21	.254000	.113790	.980492	1.000000	.921025	3.134573
22	.266700	.118707	.987667	1.000000	.948401	3.204094
23	.279400	.123171	.993790	1.000000	.973258	3.265935
24	.292100	.127974	1.000000	1.000000	1.000000	3.331186
25	.304800	.133004	1.006117	1.000000	1.027999	3.398161
26	.317500	.137751	1.011624	1.000000	1.054736	3.460906
27	.330200	.142045	1.016295	1.000000	1.078653	3.516087
28	.342900	.146510	1.020914	1.000000	1.103514	3.572540
29	.355600	.149844	1.024218	1.000000	1.122080	3.614125
30	.368300	.153460	1.027668	1.000000	1.142219	3.658698
31	.381000	.160863	1.034332	1.000000	1.183439	3.748277
32	.393700	.190418	1.056559	1.000000	1.347982	4.086343
33	.406400	.220537	1.073915	1.000000	1.515646	4.404210
34	.419100	.227093	1.077200	1.000000	1.552540	4.471122
35	.431800	.229636	1.078416	1.000000	1.566700	4.496539
36	.444500	.230596	1.078870	1.000000	1.572049	4.506103
37	.457200	.231896	1.079479	1.000000	1.579286	4.519011
38	.469900	.231896	1.079479	1.000000	1.579286	4.519011
39	.482600	.232176	1.079610	1.000000	1.580860	4.521812
40	.495300	.232461	1.079741	1.000000	1.582433	4.524612
41	.508000	.232461	1.079741	1.000000	1.582433	4.524612
42	.520700	.232461	1.079741	1.000000	1.582433	4.524612
43	.533400	.232461	1.079741	1.000000	1.582433	4.524612

ID NO. 31405-006

STATION X= 3.91 CM PTO= 30.650 N/SQ CM TTO=301.67K
R= 1.181 CM PWALL= .2871 N/SQ CM CF= .00195 PI = .774
UE= 647.9 M/SEC RHOE=.00336 KG/CUB M RE= 10.939E6 /M
DELTA= .292 CM DELTA*= .1250 CM THETA= .0199 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.009368	.000000	1.000000	.306904	.000000
2	.012700	.024901	.596455	1.000000	.407346	1.279203
3	.025400	.034959	.692875	1.000000	.459946	1.579022
4	.038100	.041571	.739346	1.000000	.494105	1.746375
5	.050800	.046148	.766327	1.000000	.517567	1.852581
6	.063500	.050160	.787330	1.000000	.538091	1.940730
7	.076200	.053608	.803722	1.000000	.555702	2.013292
8	.088900	.056772	.817604	1.000000	.571855	2.077619
9	.101600	.060445	.832643	1.000000	.590790	2.150580
10	.114300	.064344	.847175	1.000000	.610680	2.224640
11	.127000	.068244	.860560	1.000000	.630558	2.296273
12	.139700	.072256	.873279	1.000000	.651002	2.367687
13	.152400	.076720	.886325	1.000000	.673740	2.444665
14	.165100	.081071	.898051	1.000000	.695895	2.517404
15	.177800	.085310	.908641	1.000000	.717467	2.586267
16	.190500	.089604	.918625	1.000000	.739322	2.654209
17	.203200	.094747	.929801	1.000000	.765734	2.734066
18	.215900	.099267	.938829	1.000000	.788742	2.801779
19	.228600	.104353	.948280	1.000000	.814622	2.876038
20	.241300	.108931	.956212	1.000000	.837910	2.941259
21	.254000	.114073	.964542	1.000000	.864070	3.012838
22	.266700	.119498	.972728	1.000000	.891664	3.086543
23	.279400	.127353	.983613	1.000000	.931612	3.190230
24	.292100	.140802	1.000000	1.000000	1.000000	3.360316
25	.304800	.164762	1.023817	1.000000	1.122152	3.644419
26	.317500	.190079	1.043461	1.000000	1.250887	3.921620
27	.330200	.203415	1.052147	1.000000	1.318695	4.060026
28	.342900	.211213	1.056795	1.000000	1.358343	4.138810
29	.355600	.217090	1.060109	1.000000	1.388222	4.197205
30	.368300	.222007	1.062767	1.000000	1.413217	4.245437
31	.381000	.225849	1.064775	1.000000	1.432752	4.282756
32	.393700	.228223	1.065986	1.000000	1.444818	4.305644
33	.406400	.230370	1.067063	1.000000	1.455735	4.326248
34	.419100	.232009	1.067874	1.000000	1.464066	4.341907
35	.431800	.232744	1.068234	1.000000	1.467801	4.348907
36	.444500	.233874	1.068785	1.000000	1.473546	4.359656
37	.457200	.234156	1.068922	1.000000	1.474982	4.362339
38	.469900	.234326	1.069004	1.000000	1.475844	4.363948
39	.482600	.234326	1.069004	1.000000	1.475844	4.363948
40	.495300	.234043	1.068867	1.000000	1.474408	4.361266
41	.508000	.234043	1.068867	1.000000	1.474408	4.361266
42	.520700	.233704	1.068703	1.000000	1.472684	4.358045
43	.533400	.233139	1.068428	1.000000	1.469811	4.352673

STATION X= 4.17 CM PTO= 30.650 N/SQ CM TTO=301.67K
R= 1.181 CM PWALL= .3652 N/SQ CM CF= .00115 PT =1.508
UE= 669.8 M/SEC RHOE=.00506 KG/CUB M RE= 20.394E6 /M
DELTA= .358 CM DELTA*= .1627 CM THETA= .0209 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.011914	.000000	1.000000	.259156	.000000
2	.012700	.022527	.473916	1.000000	.310884	.999007
3	.025400	.031851	.578525	1.000000	.344601	1.283951
4	.038100	.038802	.633752	1.000000	.368934	1.455329
5	.050800	.044962	.673100	1.000000	.390089	1.589385
6	.063500	.050047	.701125	1.000000	.407594	1.692298
7	.076200	.054738	.723856	1.000000	.423581	1.781098
8	.088900	.058976	.742394	1.000000	.437997	1.857537
9	.101600	.062932	.758234	1.000000	.451432	1.926048
10	.114300	.066831	.772644	1.000000	.464661	1.991203
11	.127000	.071239	.787675	1.000000	.479601	2.062314
12	.139700	.075985	.802699	1.000000	.495845	2.136945
13	.152400	.081297	.817940	1.000000	.513836	2.216672
14	.165100	.089039	.837888	1.000000	.540037	2.327904
15	.177800	.098589	.859423	1.000000	.572333	2.458099
16	.190500	.111474	.884206	1.000000	.615875	2.623417
17	.203200	.124979	.906181	1.000000	.661711	2.786872
18	.215900	.138203	.924443	1.000000	.706382	2.937432
19	.228600	.149957	.938586	1.000000	.746078	3.065025
20	.241300	.160185	.949573	1.000000	.780615	3.171862
21	.254000	.169622	.958781	1.000000	.812475	3.267325
22	.266700	.179681	.967746	1.000000	.846431	3.366084
23	.279400	.189005	.975432	1.000000	.878163	3.455828
24	.292100	.198047	.982268	1.000000	.908694	3.540026
25	.304800	.206297	.988079	1.000000	.936551	3.615142
26	.317500	.212513	.992214	1.000000	.957538	3.670718
27	.330200	.218051	.995733	1.000000	.976236	3.719530
28	.342900	.221781	.998022	1.000000	.988827	3.752044
29	.355600	.224606	.999714	1.000000	.998366	3.776490
30	.368300	.226471	1.000811	1.000000	1.004662	3.792537
31	.381000	.227658	1.001502	1.000000	1.008668	3.802714
32	.393700	.228279	1.001861	1.000000	1.010767	3.808034
33	.406400	.228901	1.002219	1.000000	1.012865	3.813346
34	.419100	.228901	1.002219	1.000000	1.012865	3.813346
35	.431800	.229296	1.002446	1.000000	1.014201	3.816723
36	.444500	.230031	1.002866	1.000000	1.016681	3.822986
37	.457200	.230427	1.003091	1.000000	1.018016	3.826354
38	.469900	.230879	1.003347	1.000000	1.019542	3.830200
39	.482600	.231952	1.003952	1.000000	1.023167	3.839318
40	.495300	.232405	1.004206	1.000000	1.024693	3.843151
41	.508000	.232857	1.004459	1.000000	1.026219	3.846980
42	.520700	.233196	1.004648	1.000000	1.027364	3.849849
43	.533400	.233196	1.004648	1.000000	1.027364	3.849849

ID NO. 31405-008

STATION X= 4.42 CM PTO= 30.650 N/SQ CM TTO=301.67K
R= 1.181 CM PWALL= .5342 N/SQ CM CF= .00117 PI =2.176
UE= 625.3 M/SEC RHOE=.00541 KG/CUB M RE= 14.673E6 /M
DELTA= .292 CM DELTA*= .1264 CM THETA= .0212 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.017429	.000000	1.000000	.354439	.000000
2	.012700	.024053	.369049	1.000000	.388607	.694260
3	.025400	.028856	.455867	1.000000	.409357	.880181
4	.038100	.034451	.525206	1.000000	.431229	1.040799
5	.050800	.041514	.583921	1.000000	.454475	1.187934
6	.063500	.049369	.637486	1.000000	.480496	1.333516
7	.076200	.057902	.684683	1.000000	.508253	1.473034
8	.088900	.066944	.726025	1.000000	.537259	1.605929
9	.101600	.076268	.762267	1.000000	.567197	1.732436
10	.114300	.086835	.797007	1.000000	.600818	1.864304
11	.127000	.097064	.825871	1.000000	.633280	1.983321
12	.139700	.107179	.850780	1.000000	.665331	2.094205
13	.152400	.119215	.876806	1.000000	.703670	2.219581
14	.165100	.130009	.897164	1.000000	.737821	2.325576
15	.177800	.140802	.915316	1.000000	.771950	2.426881
16	.190500	.150522	.930066	1.000000	.802669	2.514577
17	.203200	.159846	.942994	1.000000	.832127	2.595893
18	.215900	.167983	.953418	1.000000	.857829	2.664813
19	.228600	.175443	.962452	1.000000	.881671	2.727190
20	.241300	.183693	.971697	1.000000	.907735	2.793787
21	.254000	.191830	.980229	1.000000	.933438	2.857942
22	.266700	.199346	.987641	1.000000	.957175	2.915935
23	.279400	.206862	.994643	1.000000	.980908	2.972790
24	.292100	.212909	1.000000	1.000000	1.000000	3.017749
25	.304800	.217825	1.004187	1.000000	1.015522	3.053814
26	.317500	.220933	1.006760	1.000000	1.025335	3.076394
27	.330200	.224437	1.009594	1.000000	1.036396	3.101650
28	.342900	.226527	1.011253	1.000000	1.042996	3.116625
29	.355600	.227488	1.012008	1.000000	1.046029	3.123480
30	.368300	.228844	1.013064	1.000000	1.050310	3.133134
31	.381000	.229353	1.013458	1.000000	1.051916	3.136746
32	.393700	.230031	1.013981	1.000000	1.054057	3.141556
33	.406400	.230483	1.014328	1.000000	1.055484	3.144758
34	.419100	.231331	1.014976	1.000000	1.058159	3.150754
35	.431800	.231613	1.015191	1.000000	1.059051	3.152750
36	.444500	.231839	1.015363	1.000000	1.059765	3.154346
37	.457200	.232574	1.015920	1.000000	1.062084	3.159527
38	.469900	.232857	1.016134	1.000000	1.062976	3.161518
39	.482600	.233252	1.016432	1.000000	1.064224	3.164302
40	.495300	.233252	1.016432	1.000000	1.064224	3.164302
41	.508000	.233535	1.016644	1.000000	1.065116	3.166290
42	.520700	.233987	1.016984	1.000000	1.066543	3.169467
43	.533400	.233987	1.016984	1.000000	1.066543	3.169467

ID NO. 31405-009

STATION X= 4.67 CM PTO= 30.650 N/SQ CM TTO=301.67K
R= 1.181 CM PWALL= .6869 N/SQ CM CF= .00121 PI =2.258
UE= 608.6 M/SEC RHOE=.00635 KG/CUB M RE= 15.300E6 /M
DELTA= .259 CM DELTA*= .1150 CM THETA= .0215 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.022412	.000000	1.000000	.388390	.000000
2	.012700	.035129	.443873	1.000000	.441604	.827681
3	.025400	.039537	.494750	1.000000	.456773	.938262
4	.038100	.045809	.547836	1.000000	.475711	1.060256
5	.050800	.053042	.597849	1.000000	.497046	1.182710
6	.063500	.062649	.650855	1.000000	.524204	1.322278
7	.076200	.073216	.698425	1.000000	.553532	1.458072
8	.088900	.084123	.739249	1.000000	.583377	1.584358
9	.101600	.094860	.773787	1.000000	.612795	1.699680
10	.114300	.105314	.802876	1.000000	.641172	1.803948
11	.127000	.115881	.828809	1.000000	.669788	1.903319
12	.139700	.125997	.850950	1.000000	.697134	1.993656
13	.152400	.136112	.870895	1.000000	.724447	2.079970
14	.165100	.147244	.890863	1.000000	.754736	2.171684
15	.177800	.158998	.909702	1.000000	.786441	2.263707
16	.190500	.172391	.928976	1.000000	.822542	2.364132
17	.203200	.186406	.947036	1.000000	.860296	2.464783
18	.215900	.202172	.965189	1.000000	.902749	2.573262
19	.228600	.217825	.981303	1.000000	.944880	2.676576
20	.241300	.229805	.992644	1.000000	.977438	2.753759
21	.254000	.236643	.998674	1.000000	.995844	2.796454
22	.266700	.239581	1.001187	1.000000	1.003754	2.814601
23	.279400	.238960	1.000659	1.000000	1.002081	2.810772
24	.292100	.236812	.998820	1.000000	.996301	2.797504
25	.304800	.234665	.996957	1.000000	.990520	2.784172
26	.317500	.233422	.995866	1.000000	.987174	2.776424
27	.330200	.233083	.995567	1.000000	.986261	2.774307
28	.342900	.232461	.995017	1.000000	.984588	2.770422
29	.355600	.232518	.995067	1.000000	.984740	2.770775
30	.368300	.232518	.995067	1.000000	.984740	2.770775
31	.381000	.232518	.995067	1.000000	.984740	2.770775
32	.393700	.232518	.995067	1.000000	.984740	2.770775
33	.406400	.232518	.995067	1.000000	.984740	2.770775
34	.419100	.232857	.995367	1.000000	.985652	2.772895
35	.431800	.233083	.995567	1.000000	.986261	2.774307
36	.444500	.233478	.995916	1.000000	.987326	2.776776
37	.457200	.233535	.995965	1.000000	.987478	2.777129
38	.469900	.233704	.996115	1.000000	.987934	2.778187
39	.482600	.233704	.996115	1.000000	.987934	2.778187
40	.495300	.234100	.996462	1.000000	.988999	2.780653
41	.508000	.234439	.996759	1.000000	.989912	2.782765
42	.520700	.234665	.996957	1.000000	.990520	2.784172
43	.533400	.235173	.997400	1.000000	.991889	2.787335

ID NO. 31405-010

STATION X= 4.93 CM PTO= 30.650 N/SQ CM TTO=301.67K
R= 1.181 CM PWALL= .7341 N/SQ CM CF= .00136 PT =1.962
UE= 603.7 M/SEC RHOE=.00661 KG/CUB M RE= 15.427E6 /M
DELTA= .246 CM DELTA*= .1037 CM THETA= .0201 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.023952	.000000	1.000000	.398312	.000000
2	.012700	.042758	.503597	1.000000	.470037	.948873
3	.025400	.048013	.547844	1.000000	.486094	1.049726
4	.038100	.053890	.585689	1.000000	.501904	1.140345
5	.050800	.060954	.626370	1.000000	.521396	1.243007
6	.063500	.069826	.669225	1.000000	.545239	1.358079
7	.076200	.080845	.713963	1.000000	.574521	1.487262
8	.088900	.092938	.754986	1.000000	.606226	1.615531
9	.101600	.105484	.791375	1.000000	.639162	1.738791
10	.114300	.117464	.821243	1.000000	.670336	1.847894
11	.127000	.130630	.849916	1.000000	.704520	1.960566
12	.139700	.144419	.876196	1.000000	.740257	2.071818
13	.152400	.157812	.898901	1.000000	.775194	2.175085
14	.165100	.172052	.920209	1.000000	.812053	2.278966
15	.177800	.185614	.938372	1.000000	.847132	2.373612
16	.190500	.199968	.955685	1.000000	.884238	2.469782
17	.203200	.212061	.968963	1.000000	.915488	2.547959
18	.215900	.223363	.980427	1.000000	.944684	2.618892
19	.228600	.233083	.989634	1.000000	.969787	2.678379
20	.241300	.241729	.997474	1.000000	.992437	2.730941
21	.254000	.249244	1.003870	1.000000	1.011853	2.775207
22	.266700	.255969	1.009355	1.000000	1.029225	2.814220
23	.279400	.261224	1.013494	1.000000	1.042799	2.844334
24	.292100	.264333	1.015883	1.000000	1.050827	2.861993
25	.304800	.265180	1.016528	1.000000	1.053016	2.866790
26	.317500	.262920	1.014803	1.000000	1.047178	2.853979
27	.330200	.256195	1.009535	1.000000	1.029808	2.815522
28	.342900	.249979	1.004480	1.000000	1.013751	2.779496
29	.355600	.242181	.997867	1.000000	.993605	2.733624
30	.368300	.238395	.994542	1.000000	.983823	2.711070
31	.381000	.236643	.992978	1.000000	.979296	2.700571
32	.393700	.235400	.991857	1.000000	.976084	2.693095
33	.406400	.235173	.991652	1.000000	.975500	2.691733
34	.419100	.235173	.991652	1.000000	.975500	2.691733
35	.431800	.235173	.991652	1.000000	.975500	2.691733
36	.444500	.234043	.990514	1.000000	.972268	2.684186
37	.457200	.234043	.990514	1.000000	.972268	2.684186
38	.469900	.234043	.990514	1.000000	.972268	2.684186
39	.482600	.234043	.990514	1.000000	.972268	2.684186
40	.495300	.235456	.991908	1.000000	.976230	2.693435
41	.508000	.235852	.992265	1.000000	.977252	2.695816
42	.520700	.236191	.992571	1.000000	.978128	2.697855
43	.533400	.236586	.992927	1.000000	.979150	2.700232

STATION X= 5.18 CM PTO= 30.650 N/SQ CM TTO=301.67K
R= 1.181 CM PWALL= .7684 N/SQ CM CF= .00134 PI =1.827
UE= 613.2 M/SEC RHOE=.00727 KG/CUB M RE= 18.095E6 /M
DELTA= .263 CM DELTA*= .1089 CM THETA= .0202 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.025070	.000000	1.000000	.379089	.000000
2	.012700	.049256	.533283	1.000000	.460384	1.035493
3	.025400	.055190	.569226	1.000000	.474565	1.122178
4	.038100	.061236	.603386	1.000000	.489815	1.208484
5	.050800	.068244	.637518	1.000000	.507044	1.299106
6	.063500	.076720	.673433	1.000000	.527678	1.399937
7	.076200	.087005	.710972	1.000000	.552494	1.512327
8	.088900	.098081	.745549	1.000000	.578875	1.623298
9	.101600	.110965	.780419	1.000000	.609632	1.743777
10	.114300	.123623	.809904	1.000000	.639578	1.853573
11	.127000	.137468	.838063	1.000000	.672258	1.966410
12	.139700	.152387	.864570	1.000000	.707413	2.080974
13	.152400	.167475	.888268	1.000000	.743182	2.191399
14	.165100	.182224	.908667	1.000000	.777890	2.293471
15	.177800	.198838	.929090	1.000000	.816959	2.403187
16	.190500	.215508	.947316	1.000000	.856138	2.508398
17	.203200	.231387	.962903	1.000000	.893441	2.604625
18	.215900	.246249	.976261	1.000000	.928642	2.692276
19	.228600	.260377	.987811	1.000000	.961830	2.772380
20	.241300	.269588	.994854	1.000000	.983465	2.823375
21	.254000	.275126	.998918	1.000000	.996472	2.853593
22	.266700	.276708	1.000057	1.000000	1.000188	2.862168
23	.279400	.275352	.999082	1.000000	.997002	2.854820
24	.292100	.273092	.997440	1.000000	.991694	2.842530
25	.304800	.269870	.995065	1.000000	.984129	2.824925
26	.317500	.268345	.993925	1.000000	.980545	2.816546
27	.330200	.267610	.993373	1.000000	.978820	2.812504
28	.342900	.267610	.993373	1.000000	.978820	2.812504
29	.355600	.266932	.992861	1.000000	.977227	2.808766
30	.368300	.265971	.992132	1.000000	.974971	2.803464
31	.381000	.261507	.988695	1.000000	.964485	2.778687
32	.393700	.255913	.984263	1.000000	.951343	2.747321
33	.406400	.247662	.977459	1.000000	.931961	2.700394
34	.419100	.241333	.971902	1.000000	.916799	2.663108
35	.431800	.238112	.969047	1.000000	.909235	2.644311
36	.444500	.236304	.967420	1.000000	.904988	2.633698
37	.457200	.235569	.966754	1.000000	.903263	2.629374
38	.469900	.235343	.966548	1.000000	.902732	2.628043
39	.482600	.235173	.966394	1.000000	.902333	2.627043
40	.495300	.235173	.966394	1.000000	.902333	2.627043
41	.508000	.235173	.966394	1.000000	.902333	2.627043
42	.520700	.235173	.966394	1.000000	.902333	2.627043
43	.533400	.235456	.966651	1.000000	.902997	2.628709

ID NO. 31405-012

STATION X= 5.44 CM PTO= 30.650 N/SQ CM TTO=301.67K
R= 1.181 CM PWALL= .7660 N/SQ CM CF= .00136 PI =1.623
UE= 621.9 M/SEC RHOE=.00761 KG/CUB M RE= 20.134E6 /M
DELTA= .280 CM DELTA*= .1132 CM THETA= .0203 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.024992	.000000	1.000000	.361338	.000000
2	.012700	.055246	.562558	1.000000	.452871	1.125432
3	.025400	.061575	.597625	1.000000	.468116	1.215541
4	.038100	.067848	.627770	1.000000	.482874	1.296826
5	.050800	.074516	.656273	1.000000	.498444	1.377390
6	.063500	.082541	.686654	1.000000	.517028	1.467773
7	.076200	.091808	.717304	1.000000	.538192	1.564357
8	.088900	.102545	.748409	1.000000	.562590	1.668782
9	.101600	.114299	.778382	1.000000	.589411	1.776503
10	.114300	.126505	.805483	1.000000	.617002	1.880892
11	.127000	.140576	.832868	1.000000	.648744	1.994238
12	.139700	.155890	.859052	1.000000	.683464	2.111259
13	.152400	.171374	.882124	1.000000	.718324	2.222563
14	.165100	.187197	.902955	1.000000	.753916	2.330728
15	.177800	.204150	.922733	1.000000	.792025	2.441234
16	.190500	.221103	.940325	1.000000	.830113	2.546894
17	.203200	.237999	.956036	1.000000	.868059	2.647969
18	.215900	.255065	.970444	1.000000	.906670	2.747002
19	.228600	.269701	.981627	1.000000	.939540	2.828579
20	.241300	.281059	.989700	1.000000	.965045	2.890291
21	.254000	.289423	.995337	1.000000	.983822	2.934896
22	.266700	.293944	.998283	1.000000	.993971	2.958725
23	.279400	.296600	.999981	1.000000	.999934	2.972635
24	.292100	.296769	1.000089	1.000000	1.000314	2.973521
25	.304800	.296148	.999694	1.000000	.998919	2.970272
26	.317500	.294622	.998719	1.000000	.995494	2.962283
27	.330200	.290666	.996154	1.000000	.986613	2.941468
28	.342900	.285298	.992588	1.000000	.974560	2.912981
29	.355600	.280325	.989193	1.000000	.963395	2.886340
30	.368300	.275126	.985545	1.000000	.951722	2.858221
31	.381000	.271566	.982987	1.000000	.943727	2.838804
32	.393700	.269475	.981461	1.000000	.939032	2.827337
33	.406400	.268006	.980379	1.000000	.935733	2.819252
34	.419100	.267497	.980002	1.000000	.934591	2.816448
35	.431800	.265124	.978228	1.000000	.929261	2.803324
36	.444500	.259755	.974129	1.000000	.917204	2.773408
37	.457200	.252635	.968495	1.000000	.901212	2.733221
38	.469900	.245402	.962526	1.000000	.884964	2.691778
39	.482600	.240655	.958359	1.000000	.874022	2.663505
40	.495300	.238112	.956136	1.000000	.868312	2.648632
41	.508000	.237208	.955337	1.000000	.866282	2.643324
42	.520700	.237208	.955337	1.000000	.866282	2.643324
43	.533400	.236925	.955086	1.000000	.865648	2.641663

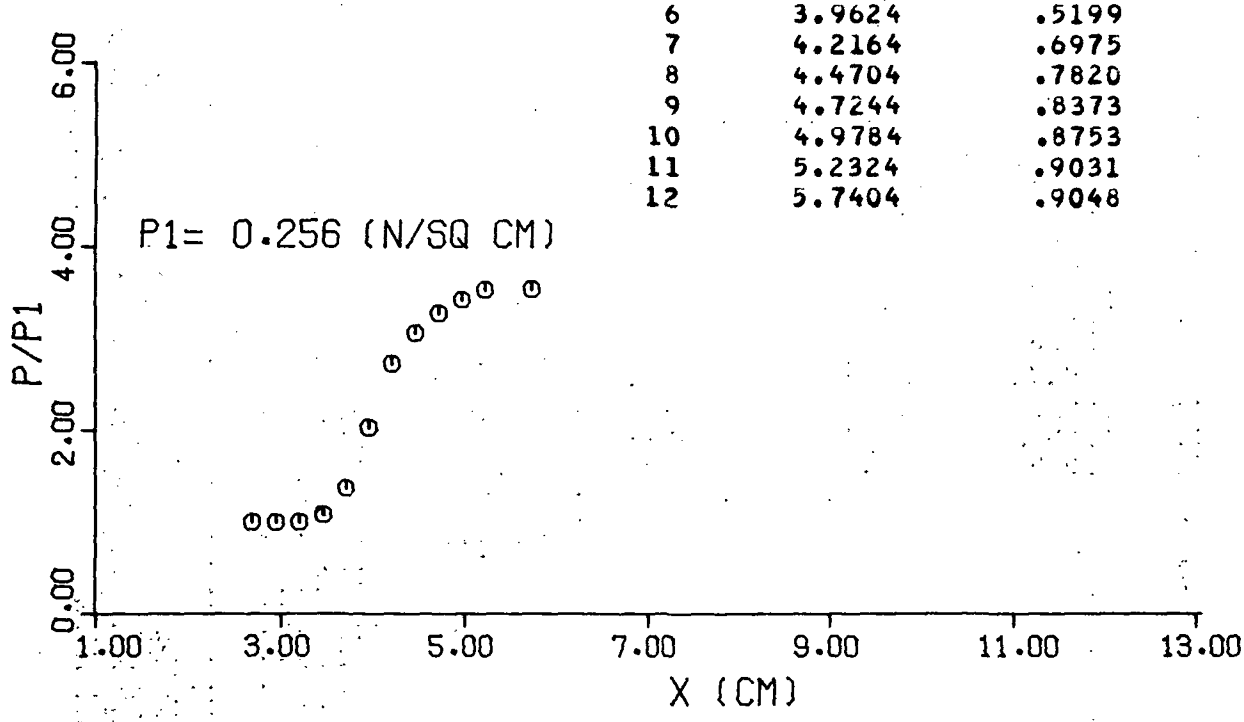
STATION X= 5.69 CM PTO= 30.650 N/SQ CM TTO=301.67K
R= 1.181 CM PWALL= .7769 N/SQ CM CF= .00148 PT =1.298
UE= 625.4 M/SEC RHOE=.00787 KG/CUB M RE= 21.372E6 /M
DELTA= .301 CM DELTA*= .1143 CM THETA= .0205 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.025347	.000000	1.000000	.354192	.000000
2	.012700	.063384	.599195	1.000000	.461108	1.228533
3	.025400	.072369	.639740	1.000000	.481440	1.340269
4	.038100	.079489	.667511	1.000000	.497288	1.421283
5	.050800	.086609	.692671	1.000000	.513213	1.498281
6	.063500	.093673	.715031	1.000000	.528788	1.569940
7	.076200	.101641	.737906	1.000000	.546294	1.646766
8	.088900	.110965	.762244	1.000000	.566911	1.732883
9	.101600	.120967	.785471	1.000000	.588790	1.819819
10	.114300	.132721	.809854	1.000000	.614449	1.916757
11	.127000	.145492	.833393	1.000000	.642282	2.016648
12	.139700	.159563	.856550	1.000000	.673132	2.121879
13	.152400	.174651	.878389	1.000000	.705962	2.228411
14	.165100	.190474	.898701	1.000000	.740361	2.334828
15	.177800	.207371	.917965	1.000000	.777071	2.443284
16	.190500	.224267	.935137	1.000000	.813761	2.547073
17	.203200	.241785	.951088	1.000000	.851785	2.650350
18	.215900	.257043	.963774	1.000000	.885182	2.737847
19	.228600	.273374	.976073	1.000000	.920632	2.827762
20	.241300	.285298	.984381	1.000000	.946509	2.891633
21	.254000	.295356	.990993	1.000000	.968337	2.944430
22	.266700	.301968	.995156	1.000000	.982683	2.978621
23	.279400	.306489	.997923	1.000000	.992491	3.001775
24	.292100	.309258	.999588	1.000000	.998499	3.015868
25	.304800	.310218	1.000160	1.000000	1.000583	3.020742
26	.317500	.311462	1.000896	1.000000	1.003281	3.027038
27	.330200	.311462	1.000896	1.000000	1.003281	3.027038
28	.342900	.311462	1.000896	1.000000	1.003281	3.027038
29	.355600	.311462	1.000896	1.000000	1.003281	3.027038
30	.368300	.310840	1.000529	1.000000	1.001932	3.023891
31	.381000	.310162	1.000126	1.000000	1.000461	3.020455
32	.393700	.309540	.999756	1.000000	.999112	3.017302
33	.406400	.308523	.999148	1.000000	.996905	3.012135
34	.419100	.307393	.998469	1.000000	.994453	3.006384
35	.431800	.305359	.997237	1.000000	.990039	2.996003
36	.444500	.303437	.996062	1.000000	.985871	2.986166
37	.457200	.299821	.993819	1.000000	.978023	2.967560
38	.469900	.295243	.990920	1.000000	.968092	2.943842
39	.482600	.289027	.986873	1.000000	.954603	2.911322
40	.495300	.282133	.982227	1.000000	.939642	2.874820
41	.508000	.276878	.978570	1.000000	.928236	2.846679
42	.520700	.272583	.975502	1.000000	.918915	2.823473
43	.533400	.270210	.973776	1.000000	.913764	2.810565

ID NO. 31406-001

PTO= 30.9589 N/SQ CM
TTO= 303.4444 K
PBAR= 775.2000 MMHG
TMAN= 299.2222 K

I	X(CM)	P(N/SQ CM)
1	2.6924	.2559
2	2.9464	.2559
3	3.2004	.2559
4	3.4544	.2763
5	3.7084	.3506
6	3.9624	.5199
7	4.2164	.6975
8	4.4704	.7820
9	4.7244	.8373
10	4.9784	.8753
11	5.2324	.9031
12	5.7404	.9048



ID NO. 31406 -001

ID NO. 31406-002

STATION X= 2.69 CM PTO= 30.959 N/SQ CM TTO=303.44K
R= 1.181 CM PWALL= .2559 N/SQ CM CF= .00218 PI = .602
UE= 647.7 M/SEC RHOE=.00293 KG/CUB M RE= 9.350E6 /M
DELTA= .292 CM DELTA*= .1135 CM THETA= .0183 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.008265	.000000	1.000000	.311376	.000000
2	.012700	.023895	.623139	1.000000	.425026	1.350907
3	.025400	.032567	.709861	1.000000	.476839	1.630017
4	.038100	.038777	.756236	1.000000	.513669	1.802320
5	.050800	.042972	.782482	1.000000	.538368	1.909183
6	.063500	.046217	.800632	1.000000	.557438	1.987763
7	.076200	.049350	.816652	1.000000	.575831	2.060715
8	.088900	.052427	.831290	1.000000	.594080	2.130631
9	.101600	.056176	.847472	1.000000	.616069	2.211938
10	.114300	.059644	.861197	1.000000	.636404	2.284557
11	.127000	.063393	.874851	1.000000	.658367	2.360484
12	.139700	.067421	.888326	1.000000	.681959	2.439410
13	.152400	.071337	.900383	1.000000	.704887	2.513740
14	.165100	.075533	.912297	1.000000	.729445	2.590990
15	.177800	.079729	.923293	1.000000	.753995	2.665982
16	.190500	.084540	.935008	1.000000	.782397	2.750186
17	.203200	.088456	.943762	1.000000	.805314	2.816296
18	.215900	.093212	.953645	1.000000	.833137	2.894530
19	.228600	.098079	.963002	1.000000	.861611	2.972460
20	.241300	.102667	.971197	1.000000	.888444	3.044076
21	.254000	.107534	.979298	1.000000	.916910	3.118252
22	.266700	.112122	.986429	1.000000	.943737	3.186578
23	.279400	.116933	.993434	1.000000	.971870	3.256690
24	.292100	.121744	1.000000	1.000000	1.000000	3.325318
25	.304800	.126332	1.005888	1.000000	1.026820	3.389456
26	.317500	.130528	1.011045	1.000000	1.051660	3.447793
27	.330200	.135451	1.016695	1.000000	1.080452	3.514203
28	.342900	.139927	1.021552	1.000000	1.106626	3.573502
29	.355600	.144067	1.025824	1.000000	1.130836	3.627488
30	.368300	.147759	1.029469	1.000000	1.152428	3.674967
31	.381000	.151395	1.032916	1.000000	1.173691	3.721133
32	.393700	.154473	1.035728	1.000000	1.191683	3.759753
33	.406400	.156710	1.037715	1.000000	1.204768	3.787592
34	.419100	.158612	1.039368	1.000000	1.215890	3.811095
35	.431800	.159787	1.040373	1.000000	1.222759	3.825540
36	.444500	.160738	1.041177	1.000000	1.228320	3.837193
37	.457200	.161466	1.041787	1.000000	1.232573	3.846080
38	.469900	.161745	1.042020	1.000000	1.234208	3.849493
39	.482600	.161745	1.042020	1.000000	1.234208	3.849493
40	.495300	.161745	1.042020	1.000000	1.234208	3.849493
41	.508000	.161745	1.042020	1.000000	1.234208	3.849493
42	.520700	.161745	1.042020	1.000000	1.234208	3.849493
43	.533400	.161745	1.042020	1.000000	1.234208	3.849493

STATION X= 2.95 CM PTO= 30.959 N/SQ CM TTO=303.44K
R= 1.181 CM PWALL= .2559 N/SQ CM CF= .00215 PI = .627
UE= 648.3 M/SEC RHOE=.00294 KG/CUB M RE= 9.440E6 /M
DELTA= .292 CM DELTA*= .1161 CM THETA= .0187 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.008265	.000000	1.000000	.310058	.000000
2	.012700	.023503	.617766	1.000000	.420877	1.336815
3	.025400	.032958	.712402	1.000000	.477127	1.641390
4	.038100	.039056	.757370	1.000000	.513135	1.809648
5	.050800	.043084	.782389	1.000000	.536744	1.911948
6	.063500	.046161	.799568	1.000000	.554751	1.986435
7	.076200	.048959	.813945	1.000000	.571105	2.051741
8	.088900	.051756	.827436	1.000000	.587642	2.115732
9	.101600	.055113	.842228	1.000000	.607253	2.189194
10	.114300	.058525	.856072	1.000000	.627178	2.261391
11	.127000	.062106	.869460	1.000000	.648073	2.334702
12	.139700	.066190	.883485	1.000000	.671894	2.415571
13	.152400	.069882	.895160	1.000000	.693423	2.486394
14	.165100	.074134	.907565	1.000000	.718206	2.565501
15	.177800	.078274	.918699	1.000000	.742329	2.640228
16	.190500	.082862	.930180	1.000000	.769303	2.721358
17	.203200	.087226	.940174	1.000000	.794733	2.795688
18	.215900	.092093	.950479	1.000000	.823091	2.876314
19	.228600	.096848	.959785	1.000000	.850793	2.952949
20	.241300	.101772	.968716	1.000000	.879469	3.030236
21	.254000	.106863	.977279	1.000000	.909118	3.108127
22	.266700	.111674	.984811	1.000000	.937135	3.179977
23	.279400	.116989	.992564	1.000000	.968080	3.257496
24	.292100	.122471	1.000000	1.000000	1.000000	3.335569
25	.304800	.127171	1.005966	1.000000	1.027358	3.401057
26	.317500	.132598	1.012493	1.000000	1.059262	3.475871
27	.330200	.137689	1.018181	1.000000	1.088909	3.543977
28	.342900	.142332	1.023080	1.000000	1.115949	3.604971
29	.355600	.146864	1.027616	1.000000	1.142336	3.663514
30	.368300	.150668	1.031251	1.000000	1.164487	3.711946
31	.381000	.153745	1.034082	1.000000	1.182403	3.750661
32	.393700	.156766	1.036773	1.000000	1.199993	3.788286
33	.406400	.159060	1.038759	1.000000	1.213348	3.816604
34	.419100	.160515	1.039993	1.000000	1.221817	3.834454
35	.431800	.161466	1.040791	1.000000	1.227354	3.846080
36	.444500	.162585	1.041719	1.000000	1.233868	3.859713
37	.457200	.163144	1.042179	1.000000	1.237125	3.866511
38	.469900	.163312	1.042317	1.000000	1.238103	3.868548
39	.482600	.163312	1.042317	1.000000	1.238103	3.868548
40	.495300	.163312	1.042317	1.000000	1.238103	3.868548
41	.508000	.163144	1.042179	1.000000	1.237125	3.866511
42	.520700	.163144	1.042179	1.000000	1.237125	3.866511
43	.533400	.163144	1.042179	1.000000	1.237125	3.866511

ID NO. 31406-004

STATION X= 3.20 CM PTO= 30.959 N/SQ CM TTO=303.44K
R= 1.181 CM PWALL= .2559 N/SQ CM CF= .00213 PI = .618
UE= 650.5 M/SEC RHOE=.00299 KG/CUB M RE= 9.770E6 /M
DELTA= .292 CM DELTA*= .1161 CM THETA= .0184 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.008265	.000000	1.000000	.305383	.000000
2	.012700	.023895	.620445	1.000000	.416845	1.350907
3	.025400	.033518	.714504	1.000000	.473178	1.657494
4	.038100	.039951	.760632	1.000000	.510570	1.832894
5	.050800	.043700	.783299	1.000000	.532201	1.927083
6	.063500	.046777	.800121	1.000000	.549932	2.000990
7	.076200	.049966	.816099	1.000000	.568290	2.074736
8	.088900	.052819	.829450	1.000000	.584900	2.139273
9	.101600	.056288	.844267	1.000000	.604855	2.214319
10	.114300	.059868	.858318	1.000000	.625441	2.289162
11	.127000	.063505	.871457	1.000000	.646338	2.362713
12	.139700	.067141	.883591	1.000000	.667227	2.434012
13	.152400	.071337	.896491	1.000000	.691320	2.513740
14	.165100	.075589	.908505	1.000000	.715726	2.592004
15	.177800	.080009	.920002	1.000000	.741088	2.670906
16	.190500	.084708	.931352	1.000000	.768301	2.753052
17	.203200	.089296	.941475	1.000000	.794630	2.830260
18	.215900	.094275	.951619	1.000000	.823201	2.911728
19	.228600	.099310	.961085	1.000000	.852088	2.991843
20	.241300	.104513	.970126	1.000000	.881934	3.072424
21	.254000	.109436	.978064	1.000000	.910172	3.145763
22	.266700	.114863	.986195	1.000000	.941294	3.226713
23	.279400	.119898	.993217	1.000000	.970167	3.299153
24	.292100	.125101	1.000000	1.000000	1.000000	3.372368
25	.304800	.129968	1.005950	1.000000	1.027906	3.439444
26	.317500	.134612	1.011364	1.000000	1.054844	3.502973
27	.330200	.139815	1.017017	1.000000	1.084685	3.572032
28	.342900	.144346	1.021670	1.000000	1.110675	3.631107
29	.355600	.148822	1.026036	1.000000	1.136343	3.688522
30	.368300	.152514	1.029479	1.000000	1.157518	3.735223
31	.381000	.155591	1.032246	1.000000	1.175164	3.773698
32	.393700	.158445	1.034731	1.000000	1.191526	3.809027
33	.406400	.160571	1.036535	1.000000	1.203716	3.835139
34	.419100	.162025	1.037747	1.000000	1.212058	3.852902
35	.431800	.163200	1.038712	1.000000	1.218794	3.867190
36	.444500	.163983	1.039350	1.000000	1.223286	3.876686
37	.457200	.164375	1.039666	1.000000	1.225531	3.881425
38	.469900	.165382	1.040475	1.000000	1.231306	3.893585
39	.482600	.172431	1.045915	1.000000	1.271726	3.977662
40	.495300	.220209	1.074839	1.000000	1.546053	4.507031
41	.508000	.241189	1.084348	1.000000	1.666366	4.720507
42	.520700	.241916	1.084651	1.000000	1.670536	4.727734
43	.533400	.241692	1.084558	1.000000	1.669253	4.725512

STATION X= 3.45 CM PTO= 30.959 N/SQ CM TTO=303.44K
R= 1.181 CM PWALL= .2763 N/SQ CM CF= .00214 PI = .683
UE= 642.8 M/SEC RHOE=.00306 KG/CUB M RE= 9.373E6 /M
DELTA= .292 CM DELTA*= .1149 CM THETA= .0192 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.008923	.000000	1.000000	.321727	.000000
2	.012700	.023280	.597373	1.000000	.424467	1.263605
3	.025400	.033014	.698019	1.000000	.480531	1.570983
4	.038100	.039560	.747118	1.000000	.517747	1.745385
5	.050800	.043980	.774773	1.000000	.542677	1.853057
6	.063500	.047336	.793528	1.000000	.561576	1.930680
7	.076200	.050413	.809280	1.000000	.578879	1.999108
8	.088900	.053658	.824591	1.000000	.597109	2.068754
9	.101600	.056847	.838650	1.000000	.615218	2.135692
10	.114300	.060707	.854148	1.000000	.636890	2.213140
11	.127000	.064176	.866979	1.000000	.656352	2.280450
12	.139700	.068036	.880186	1.000000	.678001	2.353062
13	.152400	.072232	.893412	1.000000	.701522	2.429495
14	.165100	.076540	.905912	1.000000	.725661	2.505513
15	.177800	.080960	.917738	1.000000	.750419	2.581155
16	.190500	.085603	.929200	1.000000	.776423	2.658287
17	.203200	.090135	.939647	1.000000	.802056	2.732189
18	.215900	.095226	.950389	1.000000	.830570	2.812117
19	.228600	.100093	.959888	1.000000	.857826	2.886450
20	.241300	.105408	.969497	1.000000	.887584	2.965477
21	.254000	.110331	.977762	1.000000	.915145	3.036837
22	.266700	.115366	.985649	1.000000	.943328	3.108116
23	.279400	.120625	.993337	1.000000	.972761	3.180851
24	.292100	.125493	1.000000	1.000000	1.000000	3.246711
25	.304800	.130584	1.006548	1.000000	1.028489	3.314193
26	.317500	.135283	1.012243	1.000000	1.054784	3.375283
27	.330200	.140486	1.018191	1.000000	1.083894	3.441649
28	.342900	.145130	1.023272	1.000000	1.110206	3.500550
29	.355600	.148654	1.026910	1.000000	1.129933	3.544071
30	.368300	.152514	1.030738	1.000000	1.151538	3.591129
31	.381000	.157494	1.035448	1.000000	1.179405	3.650930
32	.393700	.176515	1.051402	1.000000	1.285853	3.870866
33	.406400	.224237	1.081145	1.000000	1.552860	4.374151
34	.419100	.239510	1.088523	1.000000	1.638737	4.524138
35	.431800	.241468	1.089406	1.000000	1.649695	4.542920
36	.444500	.242475	1.089855	1.000000	1.655331	4.552550
37	.457200	.242755	1.089979	1.000000	1.656896	4.555221
38	.469900	.243426	1.090276	1.000000	1.660653	4.561626
39	.482600	.243650	1.090375	1.000000	1.661906	4.563759
40	.495300	.243650	1.090375	1.000000	1.661906	4.563759
41	.508000	.243650	1.090375	1.000000	1.661906	4.563759
42	.520700	.243650	1.090375	1.000000	1.661906	4.563759
43	.533400	.243147	1.090153	1.000000	1.659088	4.558958

STATION X= 3.71 CM PTO= 30.959 N/SQ CM TTO=303.44K
R= 1.181 CM PWALL= .3506 N/SQ CM CF= .00175 PI =1.204
UE= 631.5 M/SEC RHOE=.00362 KG/CUB M RE= 10.131E6 /M
DELTA= .292 CM DELTA*= .1322 CM THETA= .0235 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.011324	.000000	1.000000	.345286	.000000
2	.012700	.021042	.497794	1.000000	.412152	.984010
3	.025400	.028874	.601058	1.000000	.452258	1.244602
4	.038100	.036930	.674549	1.000000	.491794	1.456553
5	.050800	.042693	.715738	1.000000	.519537	1.588487
6	.063500	.047560	.745774	1.000000	.543020	1.692141
7	.076200	.051476	.767160	1.000000	.561735	1.770407
8	.088900	.055448	.786870	1.000000	.580670	1.846258
9	.101600	.059197	.803897	1.000000	.598529	1.914982
10	.114300	.062945	.819598	1.000000	.616359	1.981249
11	.127000	.066638	.833922	1.000000	.633907	2.044370
12	.139700	.070218	.847011	1.000000	.651126	2.104470
13	.152400	.074190	.860368	1.000000	.669992	2.168405
14	.165100	.078274	.873137	1.000000	.689377	2.232197
15	.177800	.082246	.884718	1.000000	.708223	2.292510
16	.190500	.086666	.896734	1.000000	.729184	2.357780
17	.203200	.090974	.907654	1.000000	.749606	2.419680
18	.215900	.095673	.918768	1.000000	.771877	2.485429
19	.228600	.100149	.928657	1.000000	.793082	2.546453
20	.241300	.105520	.939718	1.000000	.818521	2.617784
21	.254000	.110443	.949165	1.000000	.841834	2.681491
22	.266700	.116709	.960436	1.000000	.871787	2.761183
23	.279400	.125660	.974932	1.000000	.914181	2.870196
24	.292100	.143787	1.000000	1.000000	1.000000	3.079083
25	.304800	.174612	1.033026	1.000000	1.145885	3.404890
26	.317500	.198054	1.052561	1.000000	1.257177	3.633850
27	.330200	.209971	1.061083	1.000000	1.313575	3.744536
28	.342900	.219370	1.067261	1.000000	1.358055	3.829576
29	.355600	.226699	1.071782	1.000000	1.392737	3.894596
30	.368300	.232797	1.075362	1.000000	1.421594	3.947879
31	.381000	.237104	1.077798	1.000000	1.441978	3.985068
32	.393700	.240181	1.079492	1.000000	1.456539	4.011455
33	.406400	.241916	1.080432	1.000000	1.464745	4.026240
34	.419100	.242979	1.081002	1.000000	1.469775	4.035275
35	.431800	.243762	1.081419	1.000000	1.473481	4.041920
36	.444500	.244545	1.081834	1.000000	1.477187	4.048553
37	.457200	.244545	1.081834	1.000000	1.477187	4.048553
38	.469900	.245552	1.082365	1.000000	1.481952	4.057066
39	.482600	.245552	1.082365	1.000000	1.481952	4.057066
40	.495300	.245552	1.082365	1.000000	1.481952	4.057066
41	.508000	.245552	1.082365	1.000000	1.481952	4.057065
42	.520700	.245552	1.082365	1.000000	1.481952	4.057066
43	.533400	.245552	1.082365	1.000000	1.481952	4.057065

STATION X= 3.96 CM PTO= 30.959 N/SQ CM TTO=303.44K
R= 1.181 CM PWALL= .5199 N/SQ CM CF= .00086 PI =3.384
UE= 620.5 M/SEC RHOE=.00504 KG/CUB M RE= 12.986E6 /M
DELTA= .273 CM DELTA*= .1372 CM THETA= .0229 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.016795	.000000	1.000000	.368076	.000000
2	.012700	.020203	.285240	1.000000	.388026	.520582
3	.025400	.023783	.386957	1.000000	.406544	.722877
4	.038100	.027979	.463386	1.000000	.425862	.885985
5	.050800	.032734	.526000	1.000000	.446065	1.029280
6	.063500	.038609	.578654	1.000000	.466861	1.158407
7	.076200	.044371	.622776	1.000000	.487577	1.274097
8	.088900	.050749	.663764	1.000000	.510094	1.388952
9	.101600	.056847	.697487	1.000000	.531459	1.489772
10	.114300	.063505	.729370	1.000000	.554474	1.591245
11	.127000	.069771	.756069	1.000000	.576229	1.681540
12	.139700	.077267	.784141	1.000000	.601978	1.782515
13	.152400	.085659	.811778	1.000000	.630729	1.888892
14	.165100	.095841	.841004	1.000000	.665541	2.010176
15	.177800	.109716	.875043	1.000000	.713138	2.165032
16	.190500	.124765	.905837	1.000000	.764467	2.320480
17	.203200	.138472	.929737	1.000000	.811173	2.453383
18	.215900	.149717	.946986	1.000000	.849468	2.557206
19	.228600	.159731	.960853	1.000000	.883559	2.646205
20	.241300	.169242	.973007	1.000000	.916226	2.728762
21	.254000	.178921	.984282	1.000000	.949177	2.809583
22	.266700	.189383	.995491	1.000000	.984787	2.894390
23	.279400	.198949	1.004953	1.000000	1.017346	2.969810
24	.292100	.208740	1.013945	1.000000	1.050660	3.045049
25	.304800	.217579	1.021525	1.000000	1.080736	3.111409
26	.317500	.224852	1.027412	1.000000	1.105479	3.164962
27	.330200	.230447	1.031743	1.000000	1.124510	3.205544
28	.342900	.235034	1.035173	1.000000	1.140116	3.238441
29	.355600	.238447	1.037657	1.000000	1.151724	3.262696
30	.368300	.240293	1.038978	1.000000	1.158004	3.275743
31	.381000	.241412	1.039771	1.000000	1.161810	3.283625
32	.393700	.243426	1.041183	1.000000	1.168660	3.297765
33	.406400	.244377	1.041843	1.000000	1.171895	3.304421
34	.419100	.244601	1.041998	1.000000	1.172656	3.305985
35	.431800	.245217	1.042423	1.000000	1.174750	3.310282
36	.444500	.245384	1.042538	1.000000	1.175320	3.311454
37	.457200	.246168	1.043076	1.000000	1.177985	3.316913
38	.469900	.246224	1.043114	1.000000	1.178175	3.317303
39	.482600	.246503	1.043305	1.000000	1.179126	3.319250
40	.495300	.246615	1.043381	1.000000	1.179507	3.320029
41	.508000	.246615	1.043381	1.000000	1.179507	3.320029
42	.520700	.246615	1.043381	1.000000	1.179507	3.320029
43	.533400	.246615	1.043381	1.000000	1.179507	3.320029

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STATION X= 4.22 CM PTO= 30.959 N/SQ CM TTO=303.44K
R= 1.181 CM PWALL= .6975 N/SQ CM CF= .00054 PI =5.347
UE= 611.6 M/SEC RHOE=.00645 KG/CUB M RE= 15.619E6 /M
DELTA= .257 CM DELTA*= .1386 CM THETA= .0227 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.022529	.000000	1.000000	.386003	.000000
2	.012700	.025517	.238645	1.000000	.399989	.425647
3	.025400	.027084	.288928	1.000000	.406856	.519737
4	.038100	.029993	.357593	1.000000	.418891	.652698
5	.050800	.034357	.430119	1.000000	.435468	.800461
6	.063500	.039784	.494210	1.000000	.454102	.939208
7	.076200	.046889	.553300	1.000000	.475355	1.075827
8	.088900	.055616	.610147	1.000000	.500378	1.217186
9	.101600	.064679	.657802	1.000000	.525659	1.344993
10	.114300	.075029	.702800	1.000000	.554020	1.475257
11	.127000	.085323	.740409	1.000000	.581852	1.592763
12	.139700	.096625	.776005	1.000000	.612449	1.712667
13	.152400	.107982	.806739	1.000000	.642916	1.824246
14	.165100	.120457	.836121	1.000000	.676301	1.939156
15	.177800	.135171	.866111	1.000000	.715600	2.066246
16	.190500	.152179	.895992	1.000000	.761223	2.204619
17	.203200	.170249	.923015	1.000000	.809397	2.341869
18	.215900	.188599	.946673	1.000000	.858277	2.473358
19	.228600	.209523	.969963	1.000000	.913976	2.615146
20	.241300	.227706	.987735	1.000000	.962669	2.733080
21	.254000	.239902	.998461	1.000000	.995131	2.808953
22	.266700	.246503	1.003934	1.000000	1.012700	2.849173
23	.279400	.246951	1.004297	1.000000	1.013891	2.851879
24	.292100	.245049	1.002747	1.000000	1.008829	2.840360
25	.304800	.242251	1.000435	1.000000	1.001385	2.823335
26	.317500	.240853	.999263	1.000000	.997662	2.814783
27	.330200	.240853	.999263	1.000000	.997662	2.814783
28	.342900	.240853	.999263	1.000000	.997662	2.814783
29	.355600	.241356	.999686	1.000000	.999002	2.817864
30	.368300	.241972	1.000201	1.000000	1.000640	2.821626
31	.381000	.242363	1.000528	1.000000	1.001682	2.824018
32	.393700	.243259	1.001272	1.000000	1.004065	2.829476
33	.406400	.243706	1.001642	1.000000	1.005256	2.832201
34	.419100	.243930	1.001827	1.000000	1.005851	2.833562
35	.431800	.244937	1.002655	1.000000	1.008531	2.839681
36	.444500	.245329	1.002976	1.000000	1.009573	2.842057
37	.457200	.245888	1.003433	1.000000	1.011062	2.845448
38	.469900	.246391	1.003843	1.000000	1.012402	2.848496
39	.482600	.246671	1.004070	1.000000	1.013146	2.850188
40	.495300	.246839	1.004207	1.000000	1.013593	2.851203
41	.508000	.247119	1.004433	1.000000	1.014337	2.852893
42	.520700	.247287	1.004569	1.000000	1.014784	2.853907
43	.533400	.247287	1.004569	1.000000	1.014784	2.853907

STATION X= 4.47 CM PTO= 30.959 N/SQ CM TTO=303.44K
P= 1.181 CM PWALL= .7820 N/SQ CM CF= .00080 PI =3.630
UE= 610.5 M/SEC RHOE=.00718 KG/CUB M RE= 17.276E6 /M
DELTA= .269 CM DELTA*= .1345 CM THETA= .0239 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.025258	.000000	1.000000	.388284	.000000
2	.012700	.033685	.359294	1.000000	.421575	.654746
3	.025400	.035667	.394779	1.000000	.429203	.725889
4	.038100	.039728	.445441	1.000000	.441922	.831091
5	.050800	.044875	.497546	1.000000	.457575	.944605
6	.063500	.051532	.547340	1.000000	.475406	1.059192
7	.076200	.059868	.598282	1.000000	.497136	1.183937
8	.088900	.070162	.648856	1.000000	.522970	1.316959
9	.101600	.081687	.695356	1.000000	.551365	1.449145
10	.114300	.093771	.736006	1.000000	.580716	1.574158
11	.127000	.106583	.772868	1.000000	.611850	1.696732
12	.139700	.120345	.806610	1.000000	.644984	1.818124
13	.152400	.133213	.834033	1.000000	.675884	1.924441
14	.165100	.146137	.858354	1.000000	.706864	2.025442
15	.177800	.158668	.879559	1.000000	.737115	2.119424
16	.190500	.172375	.900179	1.000000	.769926	2.216861
17	.203200	.185187	.917540	1.000000	.800572	2.304148
18	.215900	.198502	.933916	1.000000	.832403	2.391444
19	.228600	.215174	.952379	1.000000	.872239	2.496393
20	.241300	.232573	.969597	1.000000	.913794	2.601361
21	.254000	.249524	.984780	1.000000	.954572	2.700405
22	.266700	.266084	.998121	1.000000	.994120	2.793108
23	.279400	.279400	1.007984	1.000000	1.025912	2.865457
24	.292100	.289414	1.014949	1.000000	1.049819	2.918682
25	.304800	.293945	1.017983	1.000000	1.060637	2.942448
26	.317500	.292099	1.016755	1.000000	1.056230	2.932789
27	.330200	.283092	1.010595	1.000000	1.034727	2.885197
28	.342900	.269665	1.000845	1.000000	1.002669	2.812747
29	.355600	.256686	.990705	1.000000	.971675	2.740880
30	.368300	.247846	.983356	1.000000	.950563	2.690829
31	.381000	.244098	.980012	1.000000	.941310	2.668596
32	.393700	.242923	.978983	1.000000	.938505	2.661820
33	.406400	.242923	.978983	1.000000	.938505	2.661820
34	.419100	.242923	.978983	1.000000	.938505	2.661820
35	.431800	.242923	.978983	1.000000	.938505	2.661820
36	.444500	.243706	.979670	1.000000	.940375	2.666339
37	.457200	.243986	.979914	1.000000	.941042	2.667952
38	.469900	.244713	.980548	1.000000	.942779	2.672138
39	.482600	.245105	.980888	1.000000	.943714	2.674390
40	.495300	.245664	.981373	1.000000	.945049	2.677603
41	.508000	.245832	.981518	1.000000	.945450	2.678567
42	.520700	.246503	.982096	1.000000	.947052	2.682416
43	.533400	.247007	.982638	1.000000	.948558	2.686029

STATION X= 4.72 CM PTO= 30.959 N/SQ CM TTO=303.44K
R= 1.181 CM PWALL= .6373 N/SQ CM CF= .00100 PT =2.897
UE= 603.3 M/SEC RHOE=.00742 KG/CUB M RE= 17.02856 /M
DELTA= .259 CM DELTA*= .1183 CM THETA= .0223 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.027045	.000000	1.000000	.402485	.000000
2	.012700	.041518	.439200	1.000000	.454919	.807075
3	.025400	.044539	.471504	1.000000	.464141	.875175
4	.038100	.049071	.511804	1.000000	.477169	.963217
5	.050800	.054329	.549890	1.000000	.491241	1.050043
6	.063500	.061323	.590251	1.000000	.508299	1.146518
7	.076200	.069994	.633915	1.000000	.529663	1.256942
8	.088900	.080624	.678446	1.000000	.555174	1.377254
9	.101600	.092596	.720712	1.000000	.583621	1.500070
10	.114300	.105800	.759980	1.000000	.614582	1.623216
11	.127000	.120290	.796917	1.000000	.648613	1.748600
12	.139700	.135619	.830199	1.000000	.684295	1.871061
13	.152400	.151619	.860191	1.000000	.721453	1.990595
14	.165100	.167060	.885643	1.000000	.757504	2.100079
15	.177800	.184851	.911190	1.000000	.798736	2.218681
16	.190500	.202474	.933411	1.000000	.839541	2.330120
17	.203200	.220097	.953112	1.000000	.880318	2.436395
18	.215900	.237720	.970711	1.000000	.921074	2.538175
19	.228600	.252154	.983793	1.000000	.954443	2.618562
20	.241300	.263511	.993347	1.000000	.980691	2.680102
21	.254000	.270336	.995914	1.000000	.996787	2.717150
22	.266700	.273413	1.001308	1.000000	1.003902	2.733365
23	.279400	.275651	1.003025	1.000000	1.009076	2.745097
24	.292100	.277777	1.004636	1.000000	1.013991	2.756196
25	.304800	.279559	1.006272	1.000000	1.019035	2.767540
26	.317500	.283260	1.008710	1.000000	1.026656	2.784614
27	.330200	.287176	1.011548	1.000000	1.035718	2.804734
28	.342900	.290761	1.014054	1.000000	1.043866	2.822720
29	.355600	.294729	1.016863	1.000000	1.053176	2.843134
30	.368300	.295680	1.017518	1.000000	1.055375	2.847933
31	.381000	.292659	1.015427	1.000000	1.048392	2.832662
32	.393700	.281749	1.007599	1.000000	1.023174	2.776813
33	.406400	.268154	.997192	1.000000	.991743	2.705593
34	.419100	.255846	.986967	1.000000	.962978	2.638729
35	.431800	.249692	.981639	1.000000	.948753	2.605030
36	.444500	.247007	.979254	1.000000	.942545	2.590186
37	.457200	.245944	.978300	1.000000	.940088	2.584286
38	.469900	.245944	.978300	1.000000	.940088	2.584286
39	.482600	.246559	.978853	1.000000	.941511	2.587703
40	.495300	.247007	.979254	1.000000	.942545	2.590186
41	.508000	.247359	.979605	1.000000	.943451	2.592356
42	.520700	.247846	.980004	1.000000	.944495	2.594834
43	.533400	.248350	.980451	1.000000	.945649	2.597618

ID NO. 31406-011

STATION X= 4.98 CM PTO= 30.959 N/SQ CM TTO=303.44K
R= 1.181 CM PWALL= .8753 N/SQ CM CF= .00107 PI =2.499
UE= 611.9 M/SEC RHOE=.00810 KG/CUB M RE= 19.681E6 /M
DELTA= .271 CM DELTA*= .1200 CM THETA= .0221 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.028273	.000000	1.000000	.385322	.000000
2	.012700	.048847	.485072	1.000000	.450476	.919469
3	.025400	.052931	.516582	1.000000	.460930	.990495
4	.038100	.057574	.545229	1.000000	.471475	1.057313
5	.050800	.063617	.579482	1.000000	.485544	1.140381
6	.063500	.070554	.613216	1.000000	.501161	1.226020
7	.076200	.079337	.650417	1.000000	.520732	1.325545
8	.088900	.089631	.687714	1.000000	.543254	1.431545
9	.101600	.102443	.727174	1.000000	.570875	1.551687
10	.114300	.115758	.762266	1.000000	.599406	1.666720
11	.127000	.130360	.795667	1.000000	.630792	1.784719
12	.139700	.146920	.828078	1.000000	.666064	1.908643
13	.152400	.164151	.857185	1.000000	.702688	2.029326
14	.165100	.181606	.883023	1.000000	.739984	2.145254
15	.177800	.200908	.907827	1.000000	.780933	2.265717
16	.190500	.221160	.930580	1.000000	.823863	2.385484
17	.203200	.240797	.950027	1.000000	.865461	2.496061
18	.215900	.260490	.967390	1.000000	.907158	2.602188
19	.228600	.277330	.980909	1.000000	.943104	2.690320
20	.241300	.290980	.990932	1.000000	.972008	2.759144
21	.254000	.299204	.996642	1.000000	.989418	2.799786
22	.266700	.303400	.999466	1.000000	.998301	2.820294
23	.279400	.304631	1.000284	1.000000	1.000906	2.826282
24	.292100	.303065	.999243	1.000000	.997590	2.818659
25	.304800	.299260	.996680	1.000000	.989537	2.800060
26	.317500	.294896	.993691	1.000000	.980299	2.778572
27	.330200	.290029	.990257	1.000000	.969994	2.754405
28	.342900	.286057	.987399	1.000000	.961584	2.734524
29	.355600	.284770	.986460	1.000000	.958860	2.728052
30	.368300	.284435	.986214	1.000000	.958149	2.726361
31	.381000	.285833	.987236	1.000000	.961110	2.733399
32	.393700	.288407	.989096	1.000000	.966559	2.746302
33	.406400	.291204	.991091	1.000000	.972481	2.760258
34	.419100	.293610	.992784	1.000000	.977575	2.772204
35	.431800	.293162	.992470	1.000000	.976627	2.769985
36	.444500	.289582	.989938	1.000000	.969046	2.752172
37	.457200	.278281	.981630	1.000000	.945118	2.695172
38	.469900	.264518	.970710	1.000000	.915685	2.623362
39	.482600	.253944	.961834	1.000000	.893301	2.567404
40	.495300	.250140	.958509	1.000000	.885246	2.546968
41	.508000	.248294	.956869	1.000000	.881337	2.536990
42	.520700	.247846	.956469	1.000000	.880389	2.534565
43	.533400	.248406	.956969	1.000000	.881573	2.537596

ID NO. 31406-012

STATION X= 5.23 CM PTO= 30.959 N/SQ CM TTO=303.44K
R= 1.181 CM PWALL= .9031 N/SQ CM CF= .00115 PI =2.195
UE= 613.8 M/SEC RHOE=.00845 KG/CUB M RE= 20.793E6 /M
DELTA= .280 CM DELTA*= .1192 CM THETA= .0221 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.029172	.000000	1.000000	.381458	.000000
2	.012700	.055113	.518359	1.000000	.457494	.998319
3	.025400	.059980	.547029	1.000000	.468100	1.065678
4	.038100	.065183	.575425	1.000000	.479706	1.134811
5	.050800	.071337	.604899	1.000000	.493048	1.209410
6	.063500	.077827	.632505	1.000000	.506891	1.282234
7	.076200	.087226	.667722	1.000000	.525715	1.379842
8	.088900	.097520	.701318	1.000000	.548252	1.478600
9	.101600	.109156	.734202	1.000000	.572267	1.581469
10	.114300	.122583	.767416	1.000000	.600038	1.692647
11	.127000	.137409	.799023	1.000000	.630406	1.806406
12	.139700	.153577	.828941	1.000000	.663436	1.922512
13	.152400	.170977	.856928	1.000000	.698912	2.039866
14	.165100	.190334	.884145	1.000000	.738575	2.163549
15	.177800	.210642	.908825	1.000000	.779908	2.285326
16	.190500	.231119	.930614	1.000000	.821548	2.401773
17	.203200	.251371	.949661	1.000000	.862707	2.511577
18	.215900	.270168	.965483	1.000000	.900894	2.609320
19	.228600	.287959	.979164	1.000000	.937324	2.699271
20	.241300	.301330	.988581	1.000000	.964487	2.764437
21	.254000	.310841	.994911	1.000000	.983806	2.809862
22	.266700	.316156	.998325	1.000000	.994600	2.834928
23	.279400	.318785	.999982	1.000000	.999941	2.847247
24	.292100	.319345	1.000332	1.000000	1.001077	2.849861
25	.304800	.319009	1.000122	1.000000	1.000395	2.848293
26	.317500	.317555	.999209	1.000000	.997441	2.841467
27	.330200	.315429	.997863	1.000000	.993123	2.831511
28	.342900	.312016	.995673	1.000000	.986192	2.815423
29	.355600	.308715	.993522	1.000000	.979488	2.799773
30	.368300	.303848	.990285	1.000000	.969601	2.776534
31	.381000	.297078	.985655	1.000000	.955850	2.743884
32	.393700	.292099	.982148	1.000000	.945735	2.719616
33	.406400	.288071	.979246	1.000000	.937552	2.699823
34	.419100	.286449	.978060	1.000000	.934255	2.691810
35	.431800	.286449	.978060	1.000000	.934255	2.691810
36	.444500	.287400	.978756	1.000000	.936188	2.696510
37	.457200	.289582	.980341	1.000000	.940621	2.707263
38	.469900	.291484	.981708	1.000000	.944485	2.716602
39	.482600	.292491	.982427	1.000000	.946531	2.721533
40	.495300	.290812	.981227	1.000000	.943121	2.713309
41	.508000	.284379	.976424	1.000000	.929752	2.680823
42	.520700	.273469	.968098	1.000000	.907598	2.626104
43	.533400	.261049	.958012	1.000000	.882371	2.562373

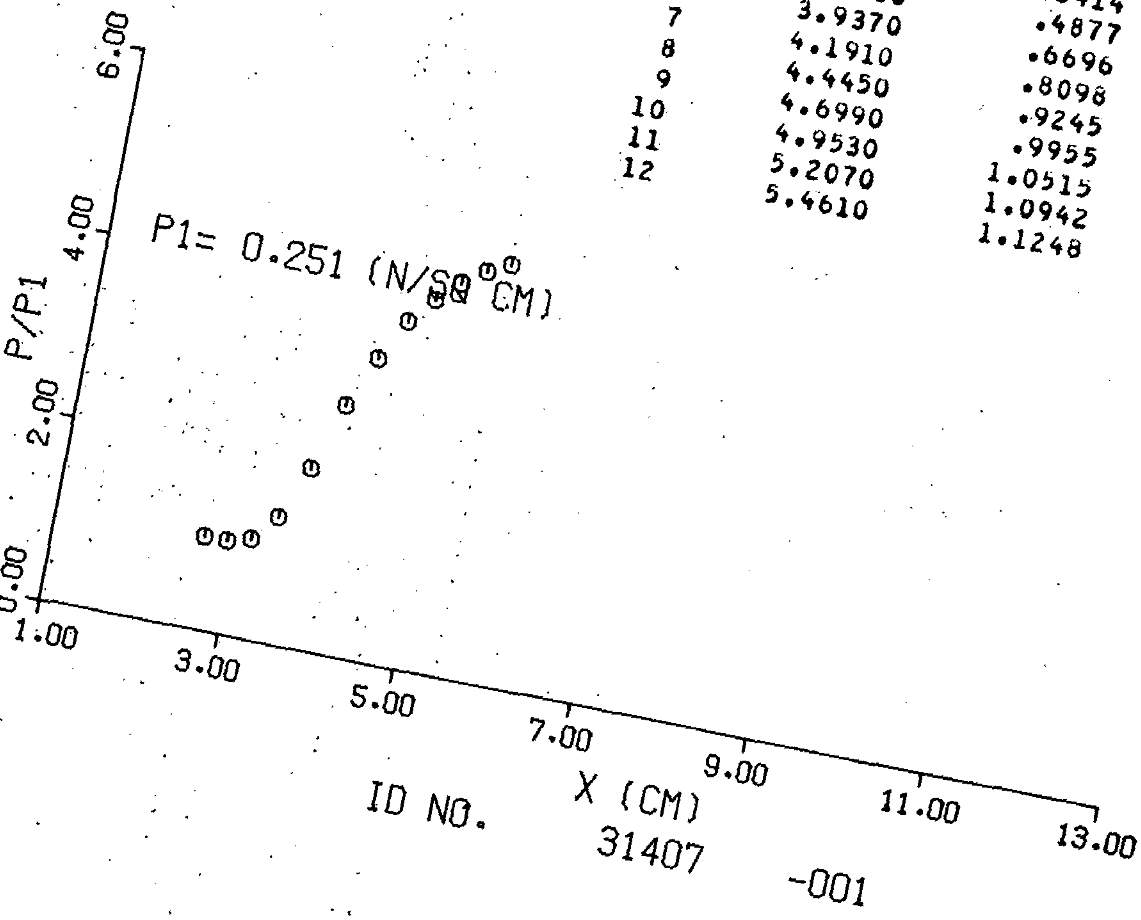
STATION X= 5.74 CM PTO= 30.959 N/SQ CM TTO=303.44K
R= 1.181 CM PWALL= .9048 N/SQ CM CF= .00133 PI =1.652
UE= 618.8 M/SEC RHOE=.00869 KG/CUB M RE= 22.128E6 /M
DELTA= .295 CM DELTA*= .1166 CM THETA= .0216 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.029227	.000000	1.000000	.371473	.000000
2	.012700	.065071	.569688	1.000000	.466665	1.131942
3	.025400	.072344	.603882	1.000000	.481936	1.219355
4	.038100	.078890	.631052	1.000000	.495493	1.292015
5	.050800	.085379	.655397	1.000000	.508853	1.359829
6	.063500	.092932	.680979	1.000000	.524285	1.434173
7	.076200	.101883	.707942	1.000000	.542301	1.516359
8	.088900	.111114	.732883	1.000000	.560792	1.596319
9	.101600	.122471	.760518	1.000000	.583648	1.689931
10	.114300	.134500	.786330	1.000000	.607604	1.782785
11	.127000	.148430	.812831	1.000000	.635283	1.884378
12	.139700	.163871	.838735	1.000000	.665905	1.990740
13	.152400	.180767	.863837	1.000000	.699592	2.101541
14	.165100	.199285	.887847	1.000000	.736246	2.215814
15	.177800	.219090	.910394	1.000000	.775411	2.331734
16	.190500	.239510	.930871	1.000000	.815763	2.445431
17	.203200	.260490	.949495	1.000000	.857199	2.556922
18	.215900	.279232	.964402	1.000000	.894199	2.652522
19	.228600	.295959	.976634	1.000000	.927517	2.735749
20	.241300	.309890	.985984	1.000000	.955021	2.802594
21	.254000	.319233	.991912	1.000000	.973465	2.846540
22	.266700	.326226	.996182	1.000000	.987270	2.878992
23	.279400	.329751	.998283	1.000000	.994227	2.895209
24	.292100	.332380	.999828	1.000000	.999417	2.907249
25	.304800	.333275	1.000349	1.000000	1.001184	2.911336
26	.317500	.333275	1.000349	1.000000	1.001184	2.911336
27	.330200	.333275	1.000349	1.000000	1.001184	2.911336
28	.342900	.333275	1.000349	1.000000	1.001184	2.911336
29	.355600	.332548	.999926	1.000000	.999748	2.908015
30	.368300	.331373	.999238	1.000000	.997429	2.902644
31	.381000	.330422	.998679	1.000000	.995552	2.898288
32	.393700	.328744	.997686	1.000000	.992239	2.890585
33	.406400	.327345	.996853	1.000000	.989478	2.884150
34	.419100	.325835	.995947	1.000000	.986497	2.877185
35	.431800	.323765	.994695	1.000000	.982411	2.867611
36	.444500	.322310	.993808	1.000000	.979539	2.860865
37	.457200	.319680	.992190	1.000000	.974349	2.848628
38	.469900	.316659	.990305	1.000000	.968385	2.834504
39	.482600	.312240	.987500	1.000000	.959660	2.813711
40	.495300	.308212	.984891	1.000000	.951708	2.794626
41	.508000	.301666	.980541	1.000000	.938784	2.763328
42	.520700	.295120	.976050	1.000000	.925860	2.731670
43	.533400	.290085	.972493	1.000000	.915917	2.707063

ID NO. 31407-001

PTO= 30.6892 N/SQ CM
TTO= 302.8889 K
PBAR= 757.5000 MMHG
TMAN= 299.7778 K

I	X(CM)	P(N/SQ CM)
1	2.6670	.2511
2	2.9210	.2518
3	3.1750	.2688
4	3.4290	.3414
5	3.6830	.4877
6	3.9370	.6696
7	4.1910	.8098
8	4.4450	.9245
9	4.6990	.9955
10	4.9530	1.0515
11	5.2070	1.0942
12	5.4610	1.1248



STATION X= 2.67 CM PTO= 30.689 N/SQ CM TTO=302.89K
R= 1.181 CM PWALL= .2511 N/SQ CM CF= .00174 PT = .510
UE= 674.1 M/SEC RHOE=.00355 KG/CUB M RE= 14.755E6 /M
DELTA= .423 CM DELTA*= .1514 CM THETA= .0200 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.008183	.000000	1.000000	.252684	.000000
2	.012700	.025168	.615214	1.000000	.352345	1.404296
3	.025400	.034706	.700536	1.000000	.399024	1.701682
4	.038100	.040914	.741625	1.000000	.429026	1.867990
5	.050800	.045260	.765956	1.000000	.449969	1.975802
6	.063500	.048816	.783719	1.000000	.467080	2.059702
7	.076200	.052653	.801225	1.000000	.485695	2.147260
8	.088900	.056265	.816083	1.000000	.503060	2.225834
9	.101600	.060329	.831325	1.000000	.522583	2.310985
10	.114300	.064675	.846136	1.000000	.543450	2.398658
11	.127000	.069246	.860285	1.000000	.565391	2.487512
12	.139700	.073761	.873016	1.000000	.587052	2.572226
13	.152400	.078502	.885230	1.000000	.609789	2.658243
14	.165100	.083412	.896894	1.000000	.633540	2.745217
15	.177800	.088153	.907145	1.000000	.656279	2.825981
16	.190500	.093063	.916928	1.000000	.679826	2.907250
17	.203200	.098255	.926459	1.000000	.704721	2.990774
18	.215900	.103052	.934607	1.000000	.727720	3.065911
19	.228600	.107849	.942190	1.000000	.750715	3.139241
20	.241300	.113380	.950307	1.000000	.777224	3.221706
21	.254000	.117895	.956487	1.000000	.798863	3.287485
22	.266700	.122466	.962375	1.000000	.820769	3.352766
23	.279400	.127320	.968254	1.000000	.844027	3.420709
24	.292100	.131835	.973470	1.000000	.865918	3.483451
25	.304800	.138890	.980979	1.000000	.899735	3.578208
26	.317500	.140244	.982350	1.000000	.906227	3.596114
27	.330200	.144195	.986230	1.000000	.925163	3.647839
28	.342900	.147581	.989419	1.000000	.941393	3.691596
29	.355600	.150685	.992239	1.000000	.956270	3.731255
30	.368300	.153225	.994476	1.000000	.968442	3.763392
31	.381000	.155539	.996461	1.000000	.979532	3.792434
32	.393700	.157175	.997836	1.000000	.987375	3.812843
33	.406400	.158586	.999002	1.000000	.994137	3.830349
34	.419100	.159546	.999786	1.000000	.998735	3.842207
35	.431800	.160280	1.000380	1.000000	1.002251	3.851250
36	.444500	.160675	1.000698	1.000000	1.004145	3.856111
37	.457200	.160957	1.000924	1.000000	1.005497	3.859579
38	.469900	.161183	1.001104	1.000000	1.006579	3.862352
39	.482600	.161408	1.001284	1.000000	1.007661	3.865122
40	.495300	.161408	1.001284	1.000000	1.007661	3.865122
41	.508000	.161408	1.001284	1.000000	1.007661	3.865122
42	.520700	.161295	1.001194	1.000000	1.007120	3.863737
43	.533400	.160675	1.000698	1.000000	1.004145	3.856111

ID NO. 31407-003

STATION X= 2.92 CM PTO= 30.689 N/SQ CM TTO=302.89K
R= 1.181 CM PWALL= .2518 N/SQ CM CF= .00171 PI = .529
UE= 675.0 M/SEC RHOE=.00359 KG/CUB M RE= 15.056E6 /M
DELTA= .425 CM DELTA*= .1536 CM THETA= .0201 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.008205	.000000	1.000000	.250733	.000000
2	.012700	.024604	.607464	1.000000	.346550	1.382295
3	.025400	.035101	.701814	1.000000	.397388	1.710120
4	.038100	.040971	.740336	1.000000	.425456	1.866610
5	.050800	.045317	.764613	1.000000	.446181	1.974217
6	.063500	.048929	.782608	1.000000	.463383	2.059263
7	.076200	.052258	.797863	1.000000	.479388	2.135350
8	.088900	.056096	.813756	1.000000	.497648	2.218976
9	.101600	.060103	.828851	1.000000	.516701	2.302997
10	.114300	.064449	.843732	1.000000	.537352	2.390735
11	.127000	.068682	.856939	1.000000	.557458	2.473166
12	.139700	.073366	.870274	1.000000	.579699	2.561264
13	.152400	.078050	.882439	1.000000	.601933	2.646403
14	.165100	.082791	.893813	1.000000	.624632	2.730586
15	.177800	.087701	.904529	1.000000	.647939	2.814407
16	.190500	.092442	.914059	1.000000	.670438	2.893018
17	.203200	.097916	.924188	1.000000	.696415	2.981202
18	.215900	.102713	.932378	1.000000	.719174	3.056374
19	.228600	.107736	.940346	1.000000	.743002	3.133142
20	.241300	.112929	.947999	1.000000	.767630	3.210561
21	.254000	.117951	.954894	1.000000	.791452	3.283711
22	.266700	.123087	.961481	1.000000	.815808	3.356850
23	.279400	.128054	.967448	1.000000	.839359	3.426089
24	.292100	.132851	.972929	1.000000	.862363	3.492395
25	.304800	.137535	.977925	1.000000	.884584	3.555268
26	.317500	.142050	.982487	1.000000	.906000	3.614832
27	.330200	.146114	.986395	1.000000	.925274	3.667610
28	.342900	.149556	.989569	1.000000	.941603	3.711736
29	.355600	.152999	.992625	1.000000	.957931	3.755342
30	.368300	.155595	.994855	1.000000	.970244	3.787893
31	.381000	.157853	.996745	1.000000	.980951	3.815972
32	.393700	.159320	.997950	1.000000	.987910	3.834112
33	.406400	.160787	.999137	1.000000	.994869	3.852167
34	.419100	.161183	.999453	1.000000	.996743	3.857014
35	.431800	.162424	1.000439	1.000000	1.002631	3.872206
36	.444500	.162763	1.000706	1.000000	1.004237	3.876339
37	.457200	.162989	1.000883	1.000000	1.005308	3.879092
38	.469900	.163101	1.000971	1.000000	1.005843	3.880468
39	.482600	.163158	1.001016	1.000000	1.006111	3.881155
40	.495300	.163158	1.001016	1.000000	1.006111	3.881155
41	.508000	.163158	1.001016	1.000000	1.006111	3.881155
42	.520700	.162876	1.000794	1.000000	1.004772	3.877716
43	.533400	.162876	1.000794	1.000000	1.004772	3.877716

ID NO. 31407-004

STATION X= 3.17 CM PTO= 30.689 N/SQ CM TTO=302.89K
R= 1.181 CM PWALL= .2688 N/SQ CM CF= .00171 PI = .608
UE= 669.5 M/SEC RHOE=.00365 KG/CUB M RE= 14.447E6 /M
DELTA= .418 CM DELTA*= .1532 CM THETA= .0210 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.008758	.000000	1.000000	.262840	.000000
2	.012700	.023927	.586371	1.000000	.352077	1.302901
3	.025400	.033803	.680693	1.000000	.399185	1.610490
4	.038100	.040632	.728115	1.000000	.431456	1.790968
5	.050800	.045260	.754808	1.000000	.453162	1.902754
6	.063500	.049211	.774977	1.000000	.471658	1.993068
7	.076200	.052823	.791660	1.000000	.488548	2.072107
8	.088900	.056322	.806596	1.000000	.505068	2.146599
9	.101600	.060160	.821464	1.000000	.523000	2.224636
10	.114300	.064336	.836248	1.000000	.542502	2.306510
11	.127000	.068682	.850292	1.000000	.562783	2.388682
12	.139700	.073479	.864422	1.000000	.585162	2.476187
13	.152400	.077881	.876286	1.000000	.605689	2.553820
14	.165100	.082678	.888165	1.000000	.628052	2.635793
15	.177800	.087645	.899552	1.000000	.651409	2.718772
16	.190500	.092611	.909935	1.000000	.674563	2.798604
17	.203200	.097521	.919416	1.000000	.697450	2.875335
18	.215900	.102770	.928789	1.000000	.721910	2.955142
19	.228600	.108188	.937730	1.000000	.747156	3.035311
20	.241300	.113436	.945760	1.000000	.771610	3.110996
21	.254000	.118742	.953311	1.000000	.796324	3.185659
22	.266700	.123595	.959773	1.000000	.818932	3.252461
23	.279400	.128336	.965710	1.000000	.841012	3.316405
24	.292100	.133302	.971567	1.000000	.864143	3.382092
25	.304800	.137987	.976782	1.000000	.885958	3.442895
26	.317500	.142728	.981838	1.000000	.908306	3.504092
27	.330200	.146735	.985855	1.000000	.926974	3.554402
28	.342900	.150403	.989380	1.000000	.944063	3.599843
29	.355600	.153507	.992256	1.000000	.958523	3.637848
30	.368300	.156272	.994738	1.000000	.971405	3.671375
31	.381000	.158530	.996712	1.000000	.981921	3.698518
32	.393700	.160223	.998163	1.000000	.989808	3.718745
33	.406400	.161521	.999258	1.000000	.995854	3.734178
34	.419100	.162481	1.000058	1.000000	1.000323	3.745544
35	.431800	.163214	1.000664	1.000000	1.003741	3.754212
36	.444500	.163496	1.000896	1.000000	1.005055	3.757541
37	.457200	.163892	1.001220	1.000000	1.006895	3.762196
38	.469900	.170551	1.006491	1.000000	1.037915	3.839817
39	.482600	.234664	1.043954	1.000000	1.336838	4.520023
40	.495300	.257126	1.053186	1.000000	1.441467	4.735077
41	.508000	.257578	1.053357	1.000000	1.443570	4.739300
42	.520700	.257408	1.053293	1.000000	1.442781	4.737717
43	.533400	.257013	1.053143	1.000000	1.440941	4.734021

ID NO. 31407-005

STATION X= 3.43 CM PTO= 30.689 N/SQ CM TTO=302.89K
R= 1.181 CM PWALL= .3414 N/SQ CM CF= .00099 PI = 1.650
UE= 683.5 M/SEC RHOE=.00527 KG/CUB M RE= 24.409E6 /M
DELTA= .386 CM DELTA*= .2220 CM THETA= .0265 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.011125	.000000	1.000000	.231671	.000000
2	.012700	.020597	.458285	1.000000	.276249	.980864
3	.025400	.028498	.556144	1.000000	.303887	1.248437
4	.038100	.035722	.618539	1.000000	.328125	1.442810
5	.050800	.042608	.664758	1.000000	.350765	1.603226
6	.063500	.047969	.695033	1.000000	.368409	1.717883
7	.076200	.053048	.719917	1.000000	.384970	1.818940
8	.088900	.057281	.738467	1.000000	.398742	1.898890
9	.101600	.061796	.756417	1.000000	.413412	1.980502
10	.114300	.066142	.772158	1.000000	.427515	2.055913
11	.127000	.070544	.786922	1.000000	.441938	2.130272
12	.139700	.075003	.800537	1.000000	.456396	2.202295
13	.152400	.079405	.812949	1.000000	.470663	2.271126
14	.165100	.084089	.825163	1.000000	.485837	2.342115
15	.177800	.088660	.836208	1.000000	.500639	2.409350
16	.190500	.093627	.847338	1.000000	.516715	2.480305
17	.203200	.098142	.856754	1.000000	.531324	2.543073
18	.215900	.102996	.866208	1.000000	.547025	2.608848
19	.228600	.107906	.875138	1.000000	.562905	2.673727
20	.241300	.113154	.884146	1.000000	.580067	2.742117
21	.254000	.118516	.892639	1.000000	.597411	2.809542
22	.266700	.123313	.899768	1.000000	.612927	2.868518
23	.279400	.128167	.906568	1.000000	.628623	2.926971
24	.292100	.133020	.912989	1.000000	.644318	2.984272
25	.304800	.137479	.918580	1.000000	.658733	3.035952
26	.317500	.141994	.923966	1.000000	.673330	3.087399
27	.330200	.146170	.928717	1.000000	.686831	3.134233
28	.342900	.149839	.932720	1.000000	.698689	3.174798
29	.355600	.154128	.937210	1.000000	.712553	3.221578
30	.368300	.169084	.951444	1.000000	.760889	3.379610
31	.381000	.230318	.993541	1.000000	.959042	3.962117
32	.393700	.253288	1.004843	1.000000	1.033273	4.159380
33	.406400	.255997	1.006062	1.000000	1.042027	4.182030
34	.419100	.257521	1.006738	1.000000	1.046951	4.194717
35	.431800	.258198	1.007037	1.000000	1.049140	4.200343
36	.444500	.258763	1.007284	1.000000	1.050963	4.205026
37	.457200	.258763	1.007284	1.000000	1.050963	4.205026
38	.469900	.259158	1.007457	1.000000	1.052240	4.208301
39	.482600	.259158	1.007457	1.000000	1.052240	4.208301
40	.495300	.259158	1.007457	1.000000	1.052240	4.208301
41	.508000	.258819	1.007309	1.000000	1.051146	4.205494
42	.520700	.258481	1.007161	1.000000	1.050051	4.202685
43	.533400	.258142	1.007012	1.000000	1.048957	4.199874

ID NO. 31407-006

STATION X= 3.68 CM PTO= 30.689 N/SQ CM TTO=302.89K
P= 1.181 CM PWALL= .4877 N/SQ CM CF= .00110 PI =2.930
UE= 597.2 M/SEC RHOE=.00421 KG/CUB M RE= 9.338E6 /M
DELTA= .260 CM DELTA*= .1269 CM THETA= .0245 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.015892	.000000	1.000000	.413578	.000000
2	.012700	.019468	.309975	1.000000	.438273	.546400
3	.025400	.022121	.392114	1.000000	.454564	.703916
4	.038100	.025958	.472309	1.000000	.475824	.867481
5	.050800	.030473	.540129	1.000000	.498938	1.015854
6	.063500	.036117	.596577	1.000000	.522663	1.148368
7	.076200	.042608	.651177	1.000000	.550455	1.286386
8	.088900	.048533	.692326	1.000000	.575278	1.398171
9	.101600	.056209	.737281	1.000000	.607105	1.529594
10	.114300	.062812	.770155	1.000000	.634157	1.633005
11	.127000	.070318	.802953	1.000000	.665009	1.743473
12	.139700	.077204	.829242	1.000000	.693049	1.838121
13	.152400	.084202	.853088	1.000000	.721493	1.929394
14	.165100	.090918	.873696	1.000000	.748750	2.012981
15	.177800	.096900	.890449	1.000000	.773005	2.084545
16	.190500	.102657	.905495	1.000000	.796598	2.151873
17	.203200	.107567	.917330	1.000000	.816495	2.207056
18	.215900	.112251	.927960	1.000000	.835468	2.258424
19	.228600	.117613	.939409	1.000000	.857176	2.315797
20	.241300	.125288	.954600	1.000000	.888239	2.395508
21	.254000	.140809	.981668	1.000000	.951012	2.548992
22	.266700	.167842	1.019956	1.000000	1.060623	2.796875
23	.279400	.200350	1.055271	1.000000	1.191997	3.067699
24	.292100	.216717	1.069903	1.000000	1.258117	3.195332
25	.304800	.227666	1.078762	1.000000	1.302343	3.277929
26	.317500	.236696	1.085578	1.000000	1.338815	3.344510
27	.330200	.244653	1.091251	1.000000	1.370953	3.402100
28	.342900	.251934	1.096257	1.000000	1.400769	3.454670
29	.355600	.254135	1.097704	1.000000	1.409662	3.470196
30	.368300	.256562	1.099277	1.000000	1.419467	3.487233
31	.381000	.258424	1.100468	1.000000	1.426991	3.500252
32	.393700	.259835	1.101361	1.000000	1.432692	3.510082
33	.406400	.260512	1.101787	1.000000	1.435428	3.514791
34	.419100	.261077	1.102141	1.000000	1.437708	3.518710
35	.431800	.261303	1.102282	1.000000	1.438620	3.520277
36	.444500	.261585	1.102458	1.000000	1.439760	3.522234
37	.457200	.261698	1.102528	1.000000	1.440216	3.523016
38	.469900	.261810	1.102599	1.000000	1.440672	3.523798
39	.482600	.261810	1.102599	1.000000	1.440672	3.523798
40	.495300	.261810	1.102599	1.000000	1.440672	3.523798
41	.508000	.261810	1.102599	1.000000	1.440672	3.523798
42	.520700	.261810	1.102599	1.000000	1.440672	3.523798
43	.533400	.261359	1.102317	1.000000	1.438848	3.520668

STATION X= 3.94 CM PTO= 30.689 N/SQ CM TTO=302.89K
R= 1.181 CM PWALL= .6596 N/SQ CM CF= .00012 PI =*.230
UE= 623.7 M/SEC RHOE=.00664 KG/CUB M RE= 17.611E6 /M
DELTA= .258 CM DELTA*= .1590 CM THETA= .0200 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.021820	.000000	1.000000	.360284	.000000
2	.012700	.021726	.000000	1.000000	.360284	.000000
3	.025400	.022516	.118177	1.000000	.363532	.212304
4	.038100	.023701	.191068	1.000000	.368900	.345779
5	.050800	.025676	.266513	1.000000	.377434	.487859
6	.063500	.028047	.328944	1.000000	.387078	.609785
7	.076200	.031772	.398912	1.000000	.401118	.752781
8	.088900	.036230	.459168	1.000000	.416453	.882898
9	.101600	.042325	.521027	1.000000	.436002	1.025086
10	.114300	.050170	.575183	1.000000	.457005	1.158569
11	.127000	.059539	.629091	1.000000	.482419	1.301912
12	.139700	.071221	.682669	1.000000	.513322	1.457340
13	.152400	.086854	.739355	1.000000	.554026	1.639737
14	.165100	.103165	.786701	1.000000	.596417	1.810257
15	.177800	.124442	.835715	1.000000	.651261	2.009516
16	.190500	.146057	.875607	1.000000	.707080	2.193810
17	.203200	.168237	.908893	1.000000	.764060	2.367185
18	.215900	.191941	.938321	1.000000	.824893	2.539253
19	.228600	.215080	.962535	1.000000	.884523	2.697284
20	.241300	.236526	.981710	1.000000	.939534	2.835273
21	.254000	.255715	.996788	1.000000	.988739	2.953242
22	.266700	.267736	1.005387	1.000000	1.019559	3.024790
23	.279400	.273606	1.009375	1.000000	1.034605	3.059113
24	.292100	.273888	1.009563	1.000000	1.035329	3.060754
25	.304800	.270107	1.007014	1.000000	1.025635	3.038698
26	.317500	.265535	1.003857	1.000000	1.013916	3.011818
27	.330200	.262149	1.001465	1.000000	1.005234	2.991750
28	.342900	.260343	1.000170	1.000000	1.000604	2.980991
29	.355600	.259609	.999640	1.000000	.998723	2.976609
30	.368300	.259609	.999640	1.000000	.998723	2.976609
31	.381000	.259722	.999722	1.000000	.999012	2.977284
32	.393700	.260174	1.000048	1.000000	1.000170	2.979980
33	.406400	.260512	1.000292	1.000000	1.001038	2.982001
34	.419100	.261020	1.000657	1.000000	1.002340	2.985030
35	.431800	.261359	1.000900	1.000000	1.003209	2.987048
36	.444500	.261585	1.001062	1.000000	1.003787	2.988392
37	.457200	.261641	1.001102	1.000000	1.003932	2.988728
38	.469900	.261867	1.001264	1.000000	1.004511	2.990071
39	.482600	.262149	1.001465	1.000000	1.005234	2.991750
40	.495300	.262206	1.001505	1.000000	1.005379	2.992085
41	.508000	.262431	1.001666	1.000000	1.005958	2.993427
42	.520700	.262657	1.001827	1.000000	1.006537	2.994768
43	.533400	.262657	1.001827	1.000000	1.006537	2.994768

ID NO. 31407-008

STATION Y= 4.19 CM PTO= 30.689 N/SQ CM TTO=302.89K
R= 1.181 CM PWALL= .8098 N/SQ CM CF= .00044 PI =6.731
UE= 590.5 M/SEC RHOE=.00679 KG/CUB M RE= 14.436E6 /M
DELTA= .237 CM DELTA*= .1298 CM THETA= .0226 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.026387	.000000	1.000000	.426477	.000000
2	.012700	.028724	.204361	1.000000	.436943	.350285
3	.025400	.030304	.260011	1.000000	.443680	.449096
4	.038100	.032787	.323881	1.000000	.453778	.565744
5	.050800	.036625	.394859	1.000000	.468358	.700719
6	.063500	.041309	.457802	1.000000	.484744	.826506
7	.076200	.048195	.525056	1.000000	.506572	.969033
8	.088900	.056660	.583652	1.000000	.530029	1.101834
9	.101600	.067891	.645132	1.000000	.560195	1.252075
10	.114300	.081041	.701825	1.000000	.594388	1.403060
11	.127000	.095941	.753855	1.000000	.632691	1.554876
12	.139700	.110332	.795522	1.000000	.669463	1.687826
13	.152400	.125853	.833325	1.000000	.708753	1.819173
14	.165100	.140809	.864576	1.000000	.746508	1.937015
15	.177800	.154579	.889798	1.000000	.781209	2.039328
16	.190500	.169874	.914738	1.000000	.819979	2.147882
17	.203200	.184717	.936083	1.000000	.857327	2.247499
18	.215900	.203736	.960246	1.000000	.905143	2.368935
19	.228600	.225803	.984624	1.000000	.960582	2.502361
20	.241300	.249168	1.006996	1.000000	1.019247	2.636209
21	.254000	.272195	1.026360	1.000000	1.077392	2.762478
22	.266700	.291497	1.040731	1.000000	1.125847	2.863455
23	.279400	.308710	1.052393	1.000000	1.169051	2.950576
24	.292100	.321070	1.060175	1.000000	1.200068	3.011568
25	.304800	.328689	1.064748	1.000000	1.219187	3.048555
26	.317500	.330551	1.065841	1.000000	1.223860	3.057528
27	.330200	.325923	1.063107	1.000000	1.212248	3.035183
28	.342900	.314072	1.055826	1.000000	1.182507	2.977188
29	.355600	.295729	1.043693	1.000000	1.136472	2.885123
30	.368300	.281564	1.033519	1.000000	1.100912	2.811946
31	.381000	.270556	1.025072	1.000000	1.073282	2.753744
32	.393700	.266043	1.021458	1.000000	1.061946	2.729505
33	.406400	.264068	1.019848	1.000000	1.056986	2.718832
34	.419100	.263391	1.019292	1.000000	1.055285	2.715162
35	.431800	.263391	1.019292	1.000000	1.055285	2.715162
36	.444500	.264012	1.019802	1.000000	1.056844	2.718526
37	.457200	.264350	1.020079	1.000000	1.057694	2.720359
38	.469900	.264463	1.020172	1.000000	1.057978	2.720970
39	.482600	.264858	1.020494	1.000000	1.058970	2.723106
40	.495300	.265027	1.020632	1.000000	1.059395	2.724021
41	.508000	.265253	1.020816	1.000000	1.059962	2.725241
42	.520700	.265253	1.020816	1.000000	1.059962	2.725241
43	.533400	.265535	1.021046	1.000000	1.060670	2.726764

ID NO. 31407-009

STATION X= 4.44 CM PTO= 30.689 N/SQ CM TTO=302.89K
R= 1.181 CM PWALL= .9245 N/SQ CM CF= .00072 PI =4.452
UE= 582.1 M/SEC RHOE=.00746 KG/CUB M RE= 15.100E6 /M
DELTA= .229 CM DELTA*= .1127 CM THETA= .0218 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.030125	.000000	1.000000	.442726	.000000
2	.012700	.037302	.326011	1.000000	.470599	.561060
3	.025400	.039899	.372055	1.000000	.479733	.646486
4	.038100	.043736	.425809	1.000000	.492488	.749660
5	.050800	.048816	.480798	1.000000	.508193	.859862
6	.063500	.055588	.536779	1.000000	.527412	.977962
7	.076200	.064562	.591447	1.000000	.549929	1.100325
8	.088900	.076188	.648784	1.000000	.578400	1.237845
9	.101600	.089902	.702856	1.000000	.610907	1.378180
10	.114300	.105310	.752704	1.000000	.647006	1.518904
11	.127000	.122466	.798445	1.000000	.686685	1.659876
12	.139700	.140922	.839813	1.000000	.729413	1.799372
13	.152400	.159433	.874790	1.000000	.771916	1.928149
14	.165100	.177437	.904140	1.000000	.813169	2.045398
15	.177800	.194706	.929013	1.000000	.852977	2.152495
16	.190500	.212823	.951958	1.000000	.894423	2.258608
17	.203200	.230318	.971721	1.000000	.934418	2.356482
18	.215900	.246008	.987752	1.000000	.970266	2.440873
19	.228600	.258876	.999863	1.000000	.999655	2.507942
20	.241300	.269147	1.008932	1.000000	1.023109	2.560205
21	.254000	.276258	1.014925	1.000000	1.039343	2.595765
22	.266700	.282749	1.020204	1.000000	1.054159	2.627796
23	.279400	.288336	1.024609	1.000000	1.066911	2.655059
24	.292100	.294318	1.029190	1.000000	1.080564	2.683939
25	.304800	.299906	1.033461	1.000000	1.093669	2.711370
26	.317500	.306283	1.038069	1.000000	1.108230	2.741528
27	.330200	.312717	1.042575	1.000000	1.122919	2.771618
28	.342900	.318248	1.046341	1.000000	1.135545	2.797224
29	.355600	.323214	1.049641	1.000000	1.146882	2.820018
30	.368300	.326770	1.051957	1.000000	1.154998	2.836223
31	.381000	.328068	1.052793	1.000000	1.157961	2.842116
32	.393700	.324682	1.050601	1.000000	1.150232	2.826717
33	.406400	.315934	1.044778	1.000000	1.130263	2.786540
34	.419100	.297987	1.032047	1.000000	1.089288	2.702230
35	.431800	.282523	1.020023	1.000000	1.053643	2.626689
36	.444500	.272026	1.011385	1.000000	1.029680	2.574658
37	.457200	.268301	1.008204	1.000000	1.021176	2.555938
38	.469900	.266721	1.006835	1.000000	1.017568	2.547955
39	.482600	.266269	1.006441	1.000000	1.016537	2.545669
40	.495300	.266382	1.006540	1.000000	1.016795	2.546241
41	.508000	.266551	1.006687	1.000000	1.017182	2.547098
42	.520700	.266890	1.006982	1.000000	1.017955	2.548811
43	.533400	.267116	1.007178	1.000000	1.018470	2.549953

STATION X= 4.70 CM PTO= 30.689 N/SQ CM TTO=302.89K
R= 1.181 CM PWALL= .9955 N/SQ CM CF= .00088 PT/[illegible]=3.383
UE= 597.1 M/SEC RHOE=.00860 KG/CUB M RE= 19.045E6 /M
DELTA= .241 CM DELTA*= .1125 CM THETA= .0213 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.032437	.000000	1.000000	.413717	.000000
2	.012700	.046727	.411015	1.000000	.459197	.741386
3	.025400	.050396	.449178	1.000000	.469220	.819020
4	.038100	.055250	.490669	1.000000	.481711	.906503
5	.050800	.061514	.535752	1.000000	.497424	1.005807
6	.063500	.069754	.577752	1.000000	.514381	1.102988
7	.076200	.080195	.624880	1.000000	.536548	1.218394
8	.088900	.093288	.673715	1.000000	.563731	1.346479
9	.101600	.107906	.718875	1.000000	.593551	1.474244
10	.114300	.125288	.763497	1.000000	.628520	1.611217
11	.127000	.144872	.805700	1.000000	.667918	1.752760
12	.139700	.165359	.842651	1.000000	.708779	1.888384
13	.152400	.186636	.875313	1.000000	.751112	2.019309
14	.165100	.208534	.904378	1.000000	.794877	2.146284
15	.177800	.231109	.930208	1.000000	.839699	2.268972
16	.190500	.253966	.953070	1.000000	.885042	2.386678
17	.203200	.275750	.972337	1.000000	.928231	2.493631
18	.215900	.293246	.986313	1.000000	.962902	2.576279
19	.228600	.305832	.995646	1.000000	.987835	2.634113
20	.241300	.312040	1.000047	1.000000	1.000133	2.662174
21	.254000	.313169	1.000833	1.000000	1.002369	2.667244
22	.266700	.311080	.999375	1.000000	.998232	2.657857
23	.279400	.307355	.996738	1.000000	.990854	2.641028
24	.292100	.302220	.993025	1.000000	.980680	2.617647
25	.304800	.298325	.990148	1.000000	.972965	2.599776
26	.317500	.296294	.988625	1.000000	.968940	2.590403
27	.330200	.295955	.988370	1.000000	.968269	2.588837
28	.342900	.296858	.989050	1.000000	.970058	2.593010
29	.355600	.300244	.991572	1.000000	.976767	2.608597
30	.368300	.303969	.994300	1.000000	.984146	2.625635
31	.381000	.308033	.997221	1.000000	.992196	2.644096
32	.393700	.313169	1.000833	1.000000	1.002369	2.667244
33	.406400	.317796	1.004127	1.000000	1.011860	2.688661
34	.419100	.321578	1.006676	1.000000	1.019353	2.705450
35	.431800	.324230	1.008439	1.000000	1.024610	2.717165
36	.444500	.324569	1.008662	1.000000	1.025281	2.718657
37	.457200	.321239	1.006450	1.000000	1.018682	2.703951
38	.469900	.312153	1.000126	1.000000	1.000356	2.662681
39	.482600	.296350	.988668	1.000000	.969052	2.590664
40	.495300	.281564	.977118	1.000000	.939752	2.521395
41	.508000	.272195	.969342	1.000000	.921183	2.476494
42	.520700	.267398	.965212	1.000000	.911674	2.453181
43	.533400	.264971	.963082	1.000000	.906863	2.441302

ID NO. 31407-011

STATION X= 4.95 CM PTO= 30.689 N/SQ CM TTO=302.89K
P= 1.181 CM PWALL= 1.0515 N/SQ CM CF= .00106 PT =2.656
UE= 600.5 M/SEC RHOE=.00923 KG/CUB M RE= 20.896E6 /M
DELTA= .246 CM DELTA*= .1080 CM THETA= .0208 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.034262	.000000	1.000000	.406993	.000000
2	.012700	.056773	.476016	1.000000	.470170	.880989
3	.025400	.061683	.510666	1.000000	.481446	.956383
4	.038100	.067779	.548195	1.000000	.495252	1.041284
5	.050800	.074833	.579887	1.000000	.508367	1.115972
6	.063500	.084315	.619832	1.000000	.527076	1.214596
7	.076200	.095772	.660987	1.000000	.549313	1.322282
8	.088900	.109317	.702129	1.000000	.575128	1.437210
9	.101600	.125175	.742799	1.000000	.604917	1.559338
10	.114300	.142953	.781733	1.000000	.638311	1.685761
11	.127000	.162932	.818707	1.000000	.675487	1.816177
12	.139700	.185394	.854003	1.000000	.717159	1.952037
13	.152400	.208534	.885023	1.000000	.759999	2.082484
14	.165100	.232576	.912941	1.000000	.804729	2.210491
15	.177800	.257070	.937489	1.000000	.850001	2.332903
16	.190500	.281789	.959189	1.000000	.895656	2.450166
17	.203200	.302671	.975531	1.000000	.934202	2.544969
18	.215900	.320223	.988068	1.000000	.966591	2.621978
19	.228600	.331228	.995432	1.000000	.986894	2.669120
20	.241300	.337042	.999291	1.000000	.997939	2.694417
21	.254000	.338848	1.000436	1.000000	1.001272	2.702006
22	.266700	.338227	1.000043	1.000000	1.000126	2.699400
23	.279400	.336082	.998679	1.000000	.996168	2.690377
24	.292100	.332696	.996388	1.000000	.989601	2.675343
25	.304800	.328181	.993429	1.000000	.981272	2.656150
26	.317500	.322706	.989761	1.000000	.971172	2.632690
27	.330200	.315652	.984900	1.000000	.958156	2.602143
28	.342900	.308710	.979960	1.000000	.945347	2.571727
29	.355600	.302558	.975447	1.000000	.933994	2.544466
30	.368300	.298269	.972222	1.000000	.926077	2.525283
31	.381000	.296237	.970671	1.000000	.922327	2.516145
32	.393700	.295673	.970238	1.000000	.921286	2.513600
33	.406400	.296858	.971147	1.000000	.923473	2.518941
34	.419100	.298946	.972736	1.000000	.927327	2.528322
35	.431800	.300978	.974267	1.000000	.931077	2.537416
36	.444500	.303631	.976243	1.000000	.935973	2.549240
37	.457200	.306170	.978113	1.000000	.940660	2.560508
38	.469900	.307863	.979347	1.000000	.943784	2.567993
39	.482600	.308766	.980001	1.000000	.945451	2.571976
40	.495300	.308766	.980001	1.000000	.945451	2.571976
41	.508000	.305888	.977906	1.000000	.940139	2.559259
42	.520700	.300244	.973715	1.000000	.929723	2.534136
43	.533400	.289578	.965479	1.000000	.910034	2.485953

STATION X= 5.21 CM PTO= 30.689 N/SQ CM TTO=302.89K
R= 1.181 CM PWALL= 1.0942 N/SQ CM CF= .00122 PI =2.155
UE= 599.5 M/SEC RHOE=.00956 KG/CUB M RE= 21.510E6 /M
DELTA= .254 CM DELTA*= .1043 CM THETA= .0207 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.035655	.000000	1.000000	.408913	.000000
2	.012700	.066593	.525884	1.000000	.488819	.988461
3	.025400	.072632	.556082	1.000000	.500371	1.057501
4	.038100	.079630	.588481	1.000000	.514161	1.134431
5	.050800	.087870	.621302	1.000000	.529796	1.215774
6	.063500	.096675	.652155	1.000000	.546231	1.295790
7	.076200	.108301	.687913	1.000000	.567711	1.393454
8	.088900	.122523	.725723	1.000000	.593755	1.503385
9	.101600	.135729	.756121	1.000000	.617633	1.597541
10	.114300	.153902	.792721	1.000000	.650558	1.718934
11	.127000	.173091	.825762	1.000000	.685005	1.837373
12	.139700	.196061	.859699	1.000000	.726133	1.969474
13	.152400	.219482	.889552	1.000000	.768242	2.096119
14	.165100	.244541	.916992	1.000000	.812996	2.222826
15	.177800	.268922	.940263	1.000000	.856499	2.339421
16	.190500	.293133	.960652	1.000000	.899670	2.449645
17	.203200	.314749	.976947	1.000000	.938192	2.543973
18	.215900	.329366	.987087	1.000000	.964234	2.605807
19	.228600	.340146	.994157	1.000000	.983436	2.650474
20	.241300	.346523	.998188	1.000000	.994794	2.676546
21	.254000	.349288	1.000014	1.000000	1.000040	2.688502
22	.266700	.349740	1.000292	1.000000	1.000845	2.690331
23	.279400	.349119	.999909	1.000000	.999738	2.687816
24	.292100	.347313	.998680	1.000000	.996201	2.679758
25	.304800	.344717	.997058	1.000000	.991578	2.669188
26	.317500	.341444	.994986	1.000000	.985747	2.655801
27	.330200	.338114	.992849	1.000000	.979817	2.642113
28	.342900	.333542	.989865	1.000000	.971674	2.623203
29	.355600	.328237	.986327	1.000000	.962224	2.601085
30	.368300	.322537	.982432	1.000000	.952069	2.577166
31	.381000	.314523	.976785	1.000000	.937790	2.543006
32	.393700	.305437	.970128	1.000000	.921599	2.503776
33	.406400	.295955	.962874	1.000000	.904700	2.462167
34	.419100	.287826	.956391	1.000000	.890213	2.425928
35	.431800	.281902	.951498	1.000000	.879648	2.399153
36	.444500	.277782	.948012	1.000000	.872301	2.380359
37	.457200	.274847	.945484	1.000000	.867068	2.366680
38	.469900	.273719	.944501	1.000000	.865055	2.361674
39	.482600	.272929	.943810	1.000000	.863646	2.358024
40	.495300	.272421	.943365	1.000000	.862740	2.355674
41	.508000	.272026	.943017	1.000000	.862035	2.353844
42	.520700	.271574	.942619	1.000000	.861230	2.351752
43	.533400	.270784	.941921	1.000000	.859821	2.348086

ID NO. 31407-013

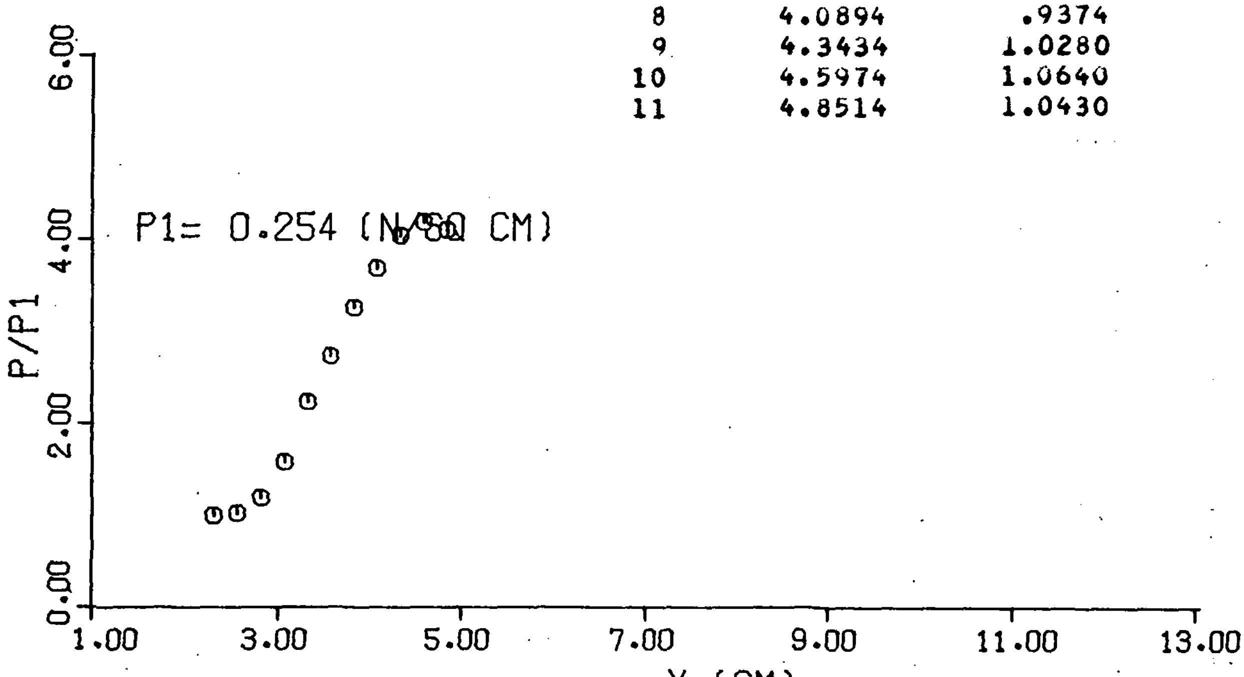
STATION X= 5.46 CM PTO= 30.689 N/SQ CM TTO=302.89K
R= 1.181 CM PWALL= 1.1248 N/SQ CM CF= .00140 PI =1.763
UE= 595.8 M/SEC RHOE=.00956 KG/CUB M RE= 21.229E6 /M
DELTA= .256 CM DELTA*= .0984 CM THETA= .0203 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.036650	.000000	1.000000	.416146	.000000
2	.012700	.075228	.562558	1.000000	.510467	1.064548
3	.025400	.082678	.595432	1.000000	.524774	1.142437
4	.038100	.090692	.626464	1.000000	.539845	1.219115
5	.050800	.098537	.653492	1.000000	.554370	1.288707
6	.063500	.108470	.684082	1.000000	.572593	1.371025
7	.076200	.120491	.716770	1.000000	.594461	1.463711
8	.088900	.133923	.748643	1.000000	.618557	1.559477
9	.101600	.148992	.780058	1.000000	.645457	1.659872
10	.114300	.166770	.812667	1.000000	.677313	1.771419
11	.127000	.185281	.842096	1.000000	.710178	1.879572
12	.139700	.206276	.871249	1.000000	.747373	1.994917
13	.152400	.229980	.900019	1.000000	.789563	2.118162
14	.165100	.253458	.924728	1.000000	.831072	2.232788
15	.177800	.276484	.946118	1.000000	.871748	2.339672
16	.190500	.297705	.963757	1.000000	.909211	2.433963
17	.203200	.316442	.977924	1.000000	.942275	2.514247
18	.215900	.331624	.988555	1.000000	.969056	2.577444
19	.228600	.341387	.995029	1.000000	.986277	2.617274
20	.241300	.347087	.998686	1.000000	.996329	2.640247
21	.254000	.349063	.999933	1.000000	.999812	2.648160
22	.266700	.348950	.999862	1.000000	.999613	2.647709
23	.279400	.347087	.998686	1.000000	.996329	2.640247
24	.292100	.344773	.997212	1.000000	.992248	2.630945
25	.304800	.341557	.995139	1.000000	.986575	2.617959
26	.317500	.338057	.992851	1.000000	.980404	2.603759
27	.330200	.334333	.990378	1.000000	.973834	2.588557
28	.342900	.329987	.987442	1.000000	.966169	2.570707
29	.355600	.326206	.984842	1.000000	.959499	2.555072
30	.368300	.321578	.981601	1.000000	.951335	2.535804
31	.381000	.316893	.978251	1.000000	.943071	2.516150
32	.393700	.312322	.974913	1.000000	.935006	2.496818
33	.406400	.306396	.970481	1.000000	.924549	2.471531
34	.419100	.299906	.965486	1.000000	.913095	2.443532
35	.431800	.292964	.959972	1.000000	.900843	2.413222
36	.444500	.284611	.953090	1.000000	.886098	2.376231
37	.457200	.275976	.945673	1.000000	.870851	2.337367
38	.469900	.266043	.936734	1.000000	.853308	2.291835
39	.482600	.257521	.928692	1.000000	.838253	2.252024
40	.495300	.249620	.920904	1.000000	.824290	2.214464
41	.508000	.244766	.915953	1.000000	.815711	2.191067
42	.520700	.240985	.912004	1.000000	.809026	2.172660
43	.533400	.239066	.909967	1.000000	.805633	2.163259

ID NO. 31408-001

PTO= 30.8308 N/SQ CM
TTO= 302.1111 K
PBAR= 768.2000 MMHG
TMAN= 299.7778 K

I	X(CM)	P(N/SQ CM)
1	2.3114	.2539
2	2.5654	.2596
3	2.8194	.3027
4	3.0734	.4008
5	3.3274	.5671
6	3.5814	.6941
7	3.8354	.8288
8	4.0894	.9374
9	4.3434	1.0280
10	4.5974	1.0640
11	4.8514	1.0430



ID NO. 31408 -001

ID NO. 31408-002

STATION X= 2.31 CM PTO= 30.831 N/SQ CM TTO=302.11K
R= 1.181 CM PWALL= .2539 N/SQ CM CF= .00216 PI = .585
UE= 649.2 M/SEC RHOE=.00298 KG/CUB M RE= 9.783E6 /M
DELTA= .292 CM DELTA*= .1126 CM THETA= .0178 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.008234	.000000	1.000000	.305047	.000000
2	.012700	.024141	.624339	1.000000	.418384	1.362973
3	.025400	.032905	.710425	1.000000	.469842	1.643512
4	.038100	.039534	.758743	1.000000	.508478	1.826037
5	.050800	.043410	.782410	1.000000	.530910	1.924083
6	.063500	.047286	.803511	1.000000	.553306	2.017224
7	.076200	.050432	.819046	1.000000	.571463	2.089689
8	.088900	.054140	.835939	1.000000	.593049	2.172697
9	.101600	.057960	.851648	1.000000	.615079	2.254265
10	.114300	.061893	.866410	1.000000	.637744	2.335211
11	.127000	.065825	.879930	1.000000	.660398	2.413406
12	.139700	.069926	.892874	1.000000	.684013	2.492308
13	.152400	.074589	.906341	1.000000	.710853	2.579057
14	.165100	.078915	.917794	1.000000	.735745	2.656979
15	.177800	.083297	.928600	1.000000	.761203	2.734376
16	.190500	.087735	.938626	1.000000	.786745	2.809888
17	.203200	.092060	.947697	1.000000	.811636	2.881572
18	.215900	.096611	.956571	1.000000	.837816	2.955092
19	.228600	.101274	.965029	1.000000	.864638	3.028566
20	.241300	.105936	.972910	1.000000	.891458	3.100291
21	.254000	.110712	.980444	1.000000	.918920	3.172056
22	.266700	.115543	.987567	1.000000	.946703	3.243042
23	.279400	.120149	.993936	1.000000	.973191	3.309303
24	.292100	.124812	1.000000	1.000000	1.000000	3.375043
25	.304800	.129531	1.005780	1.000000	1.027130	3.440291
26	.317500	.133745	1.010725	1.000000	1.051667	3.498254
27	.330200	.137789	1.015183	1.000000	1.074930	3.552335
28	.342900	.141666	1.019262	1.000000	1.097223	3.603399
29	.355600	.145149	1.022774	1.000000	1.117253	3.648671
30	.368300	.148182	1.025723	1.000000	1.134699	3.687648
31	.381000	.151047	1.028418	1.000000	1.151175	3.724084
32	.393700	.153744	1.030879	1.000000	1.166681	3.758053
33	.406400	.155766	1.032678	1.000000	1.178310	3.783330
34	.419100	.157115	1.033857	1.000000	1.186063	3.800087
35	.431800	.158294	1.034874	1.000000	1.192847	3.814689
36	.444500	.159137	1.035593	1.000000	1.197692	3.825085
37	.457200	.159530	1.035926	1.000000	1.199954	3.829927
38	.469900	.159530	1.035926	1.000000	1.199954	3.829927
39	.482600	.159530	1.035926	1.000000	1.199954	3.829927
40	.495300	.159530	1.035926	1.000000	1.199954	3.829927
41	.508000	.159530	1.035926	1.000000	1.199954	3.829927
42	.520700	.159530	1.035926	1.000000	1.199954	3.829927
43	.533400	.159587	1.035974	1.000000	1.200277	3.830618

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STATION X= 2.57 CM PTO= 30.831 N/SQ CM TTO=302.11K
R= 1.181 CM PWALL= .2596 N/SQ CM CF= .00214 PT = .611
UE= 548.0 M/SEC RHOE=.00302 KG/CUB M RE= 9.817E6 /M
DELTA= .292 CM DELTA*= .1139 CM THETA= .0182 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.008421	.000000	1.000000	.307621	.000000
2	.012700	.023972	.617006	1.000000	.417729	1.337760
3	.025400	.033298	.708897	1.000000	.471772	1.633421
4	.038100	.039702	.755464	1.000000	.508598	1.807380
5	.050800	.044534	.784633	1.000000	.536170	1.927376
6	.063500	.047455	.800374	1.000000	.552815	1.996325
7	.076200	.050657	.816243	1.000000	.571043	2.069198
8	.088900	.054028	.831733	1.000000	.590414	2.143929
9	.101600	.058016	.848307	1.000000	.613100	2.228265
10	.114300	.062174	.864012	1.000000	.636729	2.312840
11	.127000	.065825	.876660	1.000000	.657474	2.384620
12	.139700	.069270	.889576	1.000000	.680443	2.461656
13	.152400	.074252	.902426	1.000000	.705318	2.542450
14	.165100	.078578	.914089	1.000000	.729865	2.619741
15	.177800	.083128	.925497	1.000000	.755925	2.699371
16	.190500	.087398	.935307	1.000000	.780156	2.771363
17	.203200	.092004	.945125	1.000000	.806295	2.846983
18	.215900	.096667	.954341	1.000000	.832748	2.921520
19	.228600	.101274	.962808	1.000000	.858879	2.993326
20	.241300	.106105	.971078	1.000000	.886281	3.066820
21	.254000	.110992	.978874	1.000000	.913998	3.139410
22	.266700	.115824	.986073	1.000000	.941394	3.209545
23	.279400	.121048	.993347	1.000000	.971017	3.283696
24	.292100	.126161	1.000000	1.000000	1.000000	3.354660
25	.304800	.131048	1.005971	1.000000	1.027707	3.421124
26	.317500	.136048	1.011784	1.000000	1.056364	3.488535
27	.330200	.140823	1.016965	1.000000	1.083444	3.551060
28	.342900	.145093	1.021363	1.000000	1.107656	3.606044
29	.355600	.148632	1.024851	1.000000	1.127725	3.650993
30	.368300	.152340	1.028363	1.000000	1.148749	3.697495
31	.381000	.155261	1.031033	1.000000	1.165313	3.733725
32	.393700	.157676	1.033179	1.000000	1.179010	3.763419
33	.406400	.159137	1.034450	1.000000	1.187292	3.781261
34	.419100	.160317	1.035463	1.000000	1.193981	3.795610
35	.431800	.161103	1.036131	1.000000	1.198440	3.805146
36	.444500	.161834	1.036747	1.000000	1.202581	3.813980
37	.457200	.162171	1.037030	1.000000	1.204492	3.818050
38	.469900	.162395	1.037217	1.000000	1.205766	3.820761
39	.482600	.162395	1.037217	1.000000	1.205766	3.820761
40	.495300	.162395	1.037217	1.000000	1.205766	3.820761
41	.508000	.162395	1.037217	1.000000	1.205766	3.820761
42	.520700	.162395	1.037217	1.000000	1.205766	3.820761
43	.533400	.161216	1.036226	1.000000	1.199077	3.806506

STATION X= 2.82 CM PTO= 30.831 N/SQ CM TTO=302.11K
R= 1.181 CM PWALL= .3027 N/SQ CM CF= .00167 PI = .778
UE= 658.1 M/SEC RHOE=.00379 KG/CUB M RE= 13.515E6 /M
DELTA= .426 CM DELTA*= .1602 CM THETA= .0239 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.009819	.000000	1.000000	.285848	.000000
2	.012700	.022006	.536431	1.000000	.359786	1.137230
3	.025400	.031557	.641820	1.000000	.404989	1.443600
4	.038100	.038804	.697850	1.000000	.438276	1.632858
5	.050800	.044197	.732015	1.000000	.463044	1.760529
6	.063500	.048129	.753680	1.000000	.480952	1.847353
7	.076200	.051668	.771346	1.000000	.497043	1.922023
8	.088900	.055151	.787280	1.000000	.512859	1.992693
9	.101600	.058691	.802185	1.000000	.528915	2.061958
10	.114300	.062342	.816524	1.000000	.545651	2.131763
11	.127000	.066387	.831000	1.000000	.563987	2.205708
12	.139700	.070376	.844153	1.000000	.582058	2.276234
13	.152400	.074701	.857312	1.000000	.601646	2.350292
14	.165100	.079364	.870362	1.000000	.622751	2.427557
15	.177800	.083297	.880559	1.000000	.640544	2.490637
16	.190500	.088016	.891928	1.000000	.661890	2.564689
17	.203200	.092454	.901849	1.000000	.681959	2.632237
18	.215900	.097454	.912330	1.000000	.704790	2.707036
19	.228600	.102453	.921954	1.000000	.727403	2.779133
20	.241300	.107453	.930907	1.000000	.750012	2.849393
21	.254000	.112678	.939618	1.000000	.773632	2.920995
22	.266700	.117959	.947823	1.000000	.797504	2.991616
23	.279400	.123127	.955328	1.000000	.820864	3.059148
24	.292100	.128745	.962954	1.000000	.846253	3.130892
25	.304800	.133745	.969319	1.000000	.868847	3.193382
26	.317500	.138801	.975389	1.000000	.891693	3.255350
27	.330200	.143183	.980374	1.000000	.911491	3.308113
28	.342900	.147564	.985123	1.000000	.931289	3.360045
29	.355600	.151047	.988741	1.000000	.947024	3.400756
30	.368300	.154643	.992339	1.000000	.963266	3.442273
31	.381000	.157283	.994957	1.000000	.975484	3.473176
32	.393700	.159530	.997080	1.000000	.985639	3.498656
33	.406400	.160710	.998175	1.000000	.990971	3.511958
34	.419100	.162283	.999615	1.000000	.998080	3.529617
35	.431800	.162957	1.000225	1.000000	1.001126	3.537158
36	.444500	.163407	1.000630	1.000000	1.003157	3.542176
37	.457200	.163668	1.000882	1.000000	1.004427	3.545309
38	.469900	.163856	1.001032	1.000000	1.005188	3.547188
39	.482600	.163856	1.001032	1.000000	1.005188	3.547188
40	.495300	.163856	1.001032	1.000000	1.005188	3.547188
41	.508000	.163856	1.001032	1.000000	1.005188	3.547188
42	.520700	.180990	1.015157	1.000000	1.082616	3.733214
43	.533400	.258910	1.058931	1.000000	1.435006	4.483393

STATION X= 3.07 CM PTO= 30.831 N/SQ CM TTO=302.11K
R= 1.181 CM PWALL= .4008 N/SQ CM CF= .00130 PI =1.565
UE= 643.3 M/SEC RHOE=.00452 KG/CUB M RE= 14.099E6 /M
DELTA= .411 CM DELTA*= .1870 CM THETA= .0305 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.013000	.000000	1.000000	.317589	.000000
2	.012700	.018916	.385883	1.000000	.353511	.752025
3	.025400	.023972	.484825	1.000000	.378264	.977367
4	.038100	.029253	.549986	1.000000	.400197	1.140419
5	.050800	.035995	.613370	1.000000	.427291	1.314196
6	.063500	.042118	.658849	1.000000	.451263	1.450696
7	.076200	.048129	.696071	1.000000	.474465	1.571559
8	.088900	.054140	.728218	1.000000	.497698	1.683913
9	.101600	.059309	.752370	1.000000	.517487	1.774012
10	.114300	.064926	.775804	1.000000	.538947	1.866811
11	.127000	.069870	.794392	1.000000	.557801	1.944687
12	.139700	.074814	.811360	1.000000	.576632	2.019474
13	.152400	.079645	.826585	1.000000	.595018	2.089912
14	.165100	.083971	.839371	1.000000	.611676	2.151742
15	.177800	.088353	.851308	1.000000	.628343	2.211675
16	.190500	.092510	.861916	1.000000	.644148	2.267426
17	.203200	.096611	.871761	1.000000	.659733	2.320902
18	.215900	.100768	.881169	1.000000	.675527	2.373865
19	.228600	.104981	.890169	1.000000	.691529	2.426348
20	.241300	.109644	.899556	1.000000	.709233	2.483121
21	.254000	.114363	.908497	1.000000	.727146	2.539273
22	.266700	.119194	.917119	1.000000	.745481	2.595490
23	.279400	.123913	.925068	1.000000	.763386	2.649237
24	.292100	.129307	.933731	1.000000	.784099	2.710084
25	.304800	.134194	.941048	1.000000	.802648	2.763437
26	.317500	.139362	.948367	1.000000	.822260	2.818751
27	.330200	.143576	.954041	1.000000	.838247	2.863047
28	.342900	.147901	.959612	1.000000	.854658	2.907819
29	.355600	.151385	.963922	1.000000	.867871	2.943371
30	.368300	.154980	.968216	1.000000	.881509	2.979622
31	.381000	.157845	.971531	1.000000	.892377	3.008195
32	.393700	.160373	.974380	1.000000	.901965	3.033182
33	.406400	.166384	.980885	1.000000	.924763	3.091781
34	.419100	.224248	1.028957	1.000000	1.144484	3.608090
35	.431800	.266437	1.052910	1.000000	1.304451	3.941673
36	.444500	.268010	1.053681	1.000000	1.310415	3.953565
37	.457200	.269302	1.054308	1.000000	1.315314	3.963306
38	.469900	.269022	1.054172	1.000000	1.314249	3.961191
39	.482600	.269022	1.054172	1.000000	1.314249	3.961191
40	.495300	.268291	1.053818	1.000000	1.311480	3.955685
41	.508000	.267505	1.053434	1.000000	1.308498	3.949747
42	.520700	.267392	1.053379	1.000000	1.308072	3.948897
43	.533400	.267168	1.053269	1.000000	1.307220	3.947199

STATION X= 3.33 CM PTO= 30.831 N/SQ CM TTO=302.11K
R= 1.181 CM PWALL= .5671 N/SQ CM CF= .00047 PI =5.263
UE= 641.0 M/SEC RHOE=.00630 KG/CUB M RE= 19.274E6 /M
DELTA= .355 CM DELTA*= .2056 CM THETA= .0293 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.018395	.000000	1.000000	.322451	.000000
2	.012700	.020152	.194897	1.000000	.330969	.363432
3	.025400	.021501	.253666	1.000000	.337150	.477416
4	.038100	.023186	.307337	1.000000	.344498	.584698
5	.050800	.025658	.365877	1.000000	.354615	.706216
6	.063500	.028579	.417829	1.000000	.365710	.819012
7	.076200	.033017	.476614	1.000000	.381108	.953705
8	.088900	.038354	.527231	1.000000	.397273	1.077134
9	.101600	.044478	.574541	1.000000	.415346	1.200189
10	.114300	.051050	.616262	1.000000	.434171	1.316194
11	.127000	.058915	.657951	1.000000	.456284	1.440572
12	.139700	.067117	.694549	1.000000	.479017	1.558125
13	.152400	.075544	.726865	1.000000	.502237	1.669674
14	.165100	.083634	.754174	1.000000	.524630	1.770606
15	.177800	.091948	.778811	1.000000	.547422	1.867742
16	.190500	.099701	.799362	1.000000	.568636	1.953818
17	.203200	.107509	.818078	1.000000	.589976	2.036739
18	.215900	.114307	.833134	1.000000	.608736	2.106944
19	.228600	.120711	.846134	1.000000	.626223	2.170337
20	.241300	.126329	.856798	1.000000	.641554	2.224430
21	.254000	.130680	.864976	1.000000	.653967	2.267283
22	.266700	.134643	.871453	1.000000	.664232	2.302117
23	.279400	.138183	.877320	1.000000	.673882	2.334390
24	.292100	.145823	.889303	1.000000	.694707	2.402562
25	.304800	.173069	.925731	1.000000	.768921	2.631174
26	.317500	.222731	.974517	1.000000	.904381	3.003923
27	.330200	.243461	.990243	1.000000	.960795	3.146159
28	.342900	.251943	.996093	1.000000	.983876	3.202535
29	.355600	.258179	1.000200	1.000000	1.000843	3.243349
30	.368300	.262954	1.003242	1.000000	1.013834	3.274258
31	.381000	.266213	1.005268	1.000000	1.022699	3.295181
32	.393700	.268291	1.006540	1.000000	1.028354	3.308460
33	.406400	.269190	1.007085	1.000000	1.030799	3.314185
34	.419100	.269696	1.007390	1.000000	1.032175	3.317402
35	.431800	.269920	1.007526	1.000000	1.032786	3.318830
36	.444500	.270033	1.007593	1.000000	1.033092	3.319544
37	.457200	.270033	1.007593	1.000000	1.033092	3.319544
38	.469900	.270033	1.007593	1.000000	1.033092	3.319544
39	.482600	.270033	1.007593	1.000000	1.033092	3.319544
40	.495300	.270033	1.007593	1.000000	1.033092	3.319544
41	.508000	.269808	1.007458	1.000000	1.032480	3.318116
42	.520700	.269471	1.007255	1.000000	1.031563	3.315972
43	.533400	.269190	1.007085	1.000000	1.030799	3.314185

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STATION X= 3.58 CM PTO= 30.831 N/SQ CM TTO=302.11K
R= 1.181 CM PWALL= .6941 N/SQ CM CF= .00006 PI =*.169
UE= 642.2 M/SEC RHOE=.00777 KG/CUB M RE= 24.001E6 /M
DELTA= .325 CM DELTA*= .2036 CM THETA= .0219 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.022512	.000000	1.000000	.319990	.000000
2	.012700	.022737	.064536	1.000000	.320899	.119167
3	.025400	.022737	.064536	1.000000	.320899	.119167
4	.038100	.023355	.123924	1.000000	.323367	.229709
5	.050800	.023972	.161787	1.000000	.325789	.301014
6	.063500	.025152	.214161	1.000000	.330291	.401202
7	.076200	.026838	.268369	1.000000	.336468	.507434
8	.088900	.029141	.323326	1.000000	.344478	.618579
9	.101600	.031950	.374149	1.000000	.353655	.725286
10	.114300	.035489	.423478	1.000000	.364432	.833323
11	.127000	.040320	.474944	1.000000	.377966	.951796
12	.139700	.046668	.524298	1.000000	.393556	1.072152
13	.152400	.054365	.573122	1.000000	.412019	1.199168
14	.165100	.064028	.622320	1.000000	.434388	1.336987
15	.177800	.076443	.673272	1.000000	.462577	1.492648
16	.190500	.092229	.724895	1.000000	.497905	1.667336
17	.203200	.110599	.772958	1.000000	.538959	1.849731
18	.215900	.133408	.819980	1.000000	.589535	2.052263
19	.228600	.159137	.861919	1.000000	.646682	2.259366
20	.241300	.185316	.895918	1.000000	.704549	2.451314
21	.254000	.214754	.926871	1.000000	.769557	2.650417
22	.266700	.242674	.951111	1.000000	.831456	2.826999
23	.279400	.270370	.971275	1.000000	.892591	2.991185
24	.292100	.293628	.985921	1.000000	.943916	3.122364
25	.304800	.311268	.995883	1.000000	.982836	3.218277
26	.317500	.319245	1.000102	1.000000	1.000435	3.260722
27	.330200	.316661	.998754	1.000000	.994734	3.247033
28	.342900	.305537	.992745	1.000000	.970194	3.187439
29	.355600	.291381	.984585	1.000000	.938957	3.109933
30	.368300	.280988	.978193	1.000000	.916023	3.051775
31	.381000	.274134	.973774	1.000000	.900898	3.012804
32	.393700	.271718	.972176	1.000000	.895567	2.998947
33	.406400	.270651	.971463	1.000000	.893211	2.992804
34	.419100	.270651	.971463	1.000000	.893211	2.992804
35	.431800	.270651	.971463	1.000000	.893211	2.992804
36	.444500	.270651	.971463	1.000000	.893211	2.992804
37	.457200	.270651	.971463	1.000000	.893211	2.992804
38	.469900	.271156	.971802	1.000000	.894327	2.995716
39	.482600	.271156	.971802	1.000000	.894327	2.995716
40	.495300	.271269	.971877	1.000000	.894575	2.996362
41	.508000	.270875	.971614	1.000000	.893707	2.994098
42	.520700	.270875	.971614	1.000000	.893707	2.994098
43	.533400	.270651	.971463	1.000000	.893211	2.992804

ID NO. 31408-008

STATION X= 3.94 CM PTO= 30.831 N/SQ CM TTO=302.11K
R= 1.181 CM PWALL= .8288 N/SQ CM CF= .00019 PI =*.402
UE= 613.5 M/SEC RHOE=.00783 KG/CUB M RE= 19.43156 /M
DELTA= .293 CM DELTA*= .1758 CM THETA= .0254 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.026882	.000000	1.000000	.379459	.000000
2	.012700	.027793	.123523	1.000000	.383086	.218617
3	.025400	.028354	.156072	1.000000	.385282	.277015
4	.038100	.029590	.208778	1.000000	.390008	.372829
5	.050800	.031219	.259643	1.000000	.396026	.467226
6	.063500	.033691	.317281	1.000000	.404742	.577194
7	.076200	.036837	.372445	1.000000	.415198	.686243
8	.088900	.041275	.431061	1.000000	.428915	.807257
9	.101600	.047286	.490033	1.000000	.445904	.935694
10	.114300	.050432	.514916	1.000000	.454186	.992296
11	.127000	.065544	.602992	1.000000	.490021	1.207000
12	.139700	.078184	.658260	1.000000	.519013	1.356047
13	.152400	.092004	.707104	1.000000	.550154	1.499732
14	.165100	.107116	.750979	1.000000	.583752	1.640704
15	.177800	.122060	.787685	1.000000	.617019	1.769253
16	.190500	.137059	.819091	1.000000	.650122	1.888502
17	.203200	.150767	.844185	1.000000	.680311	1.991037
18	.215900	.166665	.869981	1.000000	.715510	2.104290
19	.228600	.183294	.893535	1.000000	.752064	2.215782
20	.241300	.201833	.916604	1.000000	.792779	2.333705
21	.254000	.222506	.939104	1.000000	.838148	2.458455
22	.266700	.244921	.960385	1.000000	.887310	2.586849
23	.279400	.270370	.981487	1.000000	.943405	2.725973
24	.292100	.294302	.998734	1.000000	.995879	2.849976
25	.304800	.313459	1.011095	1.000000	1.037872	2.945453
26	.317500	.331098	1.021505	1.000000	1.075534	3.030697
27	.330200	.343795	1.028486	1.000000	1.104357	3.090588
28	.342900	.352109	1.032846	1.000000	1.122575	3.129185
29	.355600	.356997	1.035335	1.000000	1.133285	3.151652
30	.368300	.357558	1.035617	1.000000	1.134516	3.154224
31	.381000	.352278	1.032932	1.000000	1.122945	3.129963
32	.393700	.335817	1.024147	1.000000	1.086875	3.053095
33	.406400	.311998	1.010193	1.000000	1.034671	2.938283
34	.419100	.293628	.998277	1.000000	.994401	2.846557
35	.431800	.280707	.989204	1.000000	.966072	2.780216
36	.444500	.275033	.985021	1.000000	.953630	2.750575
37	.457200	.272392	.983031	1.000000	.947840	2.736671
38	.469900	.270932	.981917	1.000000	.944637	2.728949
39	.482600	.270314	.981444	1.000000	.943281	2.725675
40	.495300	.270314	.981444	1.000000	.943281	2.725675
41	.508000	.269415	.980752	1.000000	.941310	2.720906
42	.520700	.268741	.980231	1.000000	.939832	2.717324
43	.533400	.267392	.979183	1.000000	.936875	2.710145

STATION X= 4.06 CM PTO= 30.831 N/SQ CM TTO=302.11K
R= 1.181 CM PWALL= .9374 N/SQ CM CF= .00051 PI =6.047
UE= 578.3 M/SEC RHOE=.00749 KG/CUB M RE= 14.899E6 /M
DELTA= .251 CM DELTA*= .1296 CM THETA= .0243 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.030405	.000000	1.000000	.448604	.000000
2	.012700	.035096	.269881	1.000000	.467374	.457394
3	.025400	.036781	.309852	1.000000	.473680	.528667
4	.038100	.038691	.347381	1.000000	.480581	.597001
5	.050800	.041949	.399167	1.000000	.491813	.693968
6	.063500	.046107	.450996	1.000000	.505271	.794731
7	.076200	.051837	.506357	1.000000	.522469	.907345
8	.088900	.058971	.561161	1.000000	.542864	1.024987
9	.101600	.068634	.612925	1.000000	.565810	1.142952
10	.114300	.080881	.668955	1.000000	.595558	1.279807
11	.127000	.095431	.722663	1.000000	.630029	1.422006
12	.139700	.112678	.774674	1.000000	.670462	1.572502
13	.152400	.130205	.818413	1.000000	.711308	1.711143
14	.165100	.149194	.858031	1.000000	.755159	1.848450
15	.177800	.167171	.890066	1.000000	.796564	1.969327
16	.190500	.184698	.917280	1.000000	.836864	2.080246
17	.203200	.200877	.939710	1.000000	.874323	2.178286
18	.215900	.217225	.959877	1.000000	.911864	2.272302
19	.228600	.232337	.976757	1.000000	.946546	2.355823
20	.241300	.246382	.991134	1.000000	.978762	2.430839
21	.254000	.258292	1.002452	1.000000	1.006073	2.492664
22	.266700	.267224	1.010466	1.000000	1.026550	2.538033
23	.279400	.274976	1.017117	1.000000	1.044320	2.576756
24	.292100	.282729	1.023504	1.000000	1.062088	2.614900
25	.304800	.289358	1.028767	1.000000	1.077279	2.647076
26	.317500	.296212	1.034028	1.000000	1.092982	2.679933
27	.330200	.302616	1.038899	1.000000	1.108014	2.711010
28	.342900	.309133	1.043589	1.000000	1.122951	2.741544
29	.355600	.315706	1.048174	1.000000	1.138017	2.771999
30	.368300	.322278	1.052620	1.000000	1.153081	2.802120
31	.381000	.328964	1.057006	1.000000	1.168401	2.832426
32	.393700	.335199	1.060978	1.000000	1.182691	2.860402
33	.406400	.339525	1.063669	1.000000	1.192603	2.879649
34	.419100	.342615	1.065559	1.000000	1.199682	2.893317
35	.431800	.342615	1.065559	1.000000	1.199682	2.893317
36	.444500	.337447	1.062382	1.000000	1.187840	2.870417
37	.457200	.325087	1.054479	1.000000	1.159518	2.814894
38	.469900	.305257	1.040817	1.000000	1.114066	2.723423
39	.482600	.282111	1.023004	1.000000	1.060672	2.611880
40	.495300	.268347	1.011447	1.000000	1.029126	2.543682
41	.508000	.258910	1.003019	1.000000	1.007489	2.495829
42	.520700	.254134	.998587	1.000000	.996541	2.471261
43	.533400	.250595	.995225	1.000000	.988425	2.452891

ID NO. 31406-010

STATION X= 4.34 CM PTO= 30.831 N/SQ CM TTO=302.11K
R= 1.181 CM PWALL= 1.0280 N/SQ CM CF= .00071 PI =4.276
UE= 589.5 M/SEC RHOE=.00863 KG/CUB M RE= 18.345E6 /M
DELTA= .253 CM DELTA*= .1224 CM THETA= .0231 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.033345	.000000	1.000000	.426977	.000000
2	.012700	.044028	.364994	1.000000	.462260	.642836
3	.025400	.046725	.400457	1.000000	.470184	.711310
4	.038100	.049814	.434852	1.000000	.478865	.779501
5	.050800	.054028	.474107	1.000000	.490104	.859784
6	.063500	.060320	.521426	1.000000	.505775	.960594
7	.076200	.068241	.566683	1.000000	.523266	1.061867
8	.088900	.077904	.613046	1.000000	.544167	1.171461
9	.101600	.090094	.661231	1.000000	.569714	1.292856
10	.114300	.105712	.712281	1.000000	.601987	1.431573
11	.127000	.123408	.759519	1.000000	.637812	1.571280
12	.139700	.142733	.802699	1.000000	.676897	1.710735
13	.152400	.162901	.840454	1.000000	.717322	1.843910
14	.165100	.185372	.876113	1.000000	.762238	1.981408
15	.177800	.207563	.906388	1.000000	.806776	2.108916
16	.190500	.229247	.931945	1.000000	.850015	2.225729
17	.203200	.251325	.954804	1.000000	.893999	2.338575
18	.215900	.271269	.973187	1.000000	.933704	2.435958
19	.228600	.288684	.987752	1.000000	.968361	2.517882
20	.241300	.300032	.996587	1.000000	.990937	2.569844
21	.254000	.304807	1.000162	1.000000	1.000436	2.591395
22	.266700	.304807	1.000162	1.000000	1.000436	2.591395
23	.279400	.301324	.997562	1.000000	.993508	2.575694
24	.292100	.295875	.993407	1.000000	.982667	2.550933
25	.304800	.290201	.988962	1.000000	.971379	2.524890
26	.317500	.285594	.985260	1.000000	.962213	2.503545
27	.330200	.282785	.982962	1.000000	.956624	2.490439
28	.342900	.282280	.982544	1.000000	.955618	2.488072
29	.355600	.282504	.982730	1.000000	.956065	2.489124
30	.368300	.283909	.983885	1.000000	.958860	2.495689
31	.381000	.285650	.985306	1.000000	.962325	2.503806
32	.393700	.288909	.987932	1.000000	.968808	2.518921
33	.406400	.291942	.990339	1.000000	.974844	2.532912
34	.419100	.294470	.992318	1.000000	.979873	2.544511
35	.431800	.297841	.994919	1.000000	.986579	2.559895
36	.444500	.299807	.996417	1.000000	.990490	2.568826
37	.457200	.301661	.997816	1.000000	.994178	2.577218
38	.469900	.302953	.998784	1.000000	.996748	2.583050
39	.482600	.302953	.998784	1.000000	.996748	2.583050
40	.495300	.301886	.997985	1.000000	.994625	2.578233
41	.508000	.298627	.995520	1.000000	.988143	2.563471
42	.520700	.289470	.988381	1.000000	.969926	2.521518
43	.533400	.276943	.978075	1.000000	.944997	2.462952

STATION X= 4.60 CM PTO= 30.831 N/SQ CM TTO=302.11K
R= 1.181 CM PWALL= 1.0640 N/SQ CM CF= .00095 PI =3.104
UE= 592.4 M/SEC RHOE=.00905 KG/CUB M RE= 19.580E6 /M
DELTA= .253 CM DELTA*= .1134 CM THETA= .0222 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.034511	.000000	1.000000	.421382	.000000
2	.012700	.052904	.445619	1.000000	.476084	.805655
3	.025400	.056837	.479160	1.000000	.485937	.875213
4	.038100	.061219	.510940	1.000000	.496359	.943216
5	.050800	.066836	.547332	1.000000	.509739	1.023925
6	.063500	.073971	.580477	1.000000	.523434	1.100422
7	.076200	.083465	.621792	1.000000	.542814	1.200367
8	.088900	.095094	.664584	1.000000	.566038	1.310134
9	.101600	.108801	.706833	1.000000	.592731	1.425900
10	.114300	.125093	.749602	1.000000	.624387	1.552033
11	.127000	.145261	.793933	1.000000	.663301	1.694269
12	.139700	.165317	.830866	1.000000	.701651	1.823622
13	.152400	.187676	.865903	1.000000	.744282	1.957407
14	.165100	.210990	.897122	1.000000	.788644	2.087542
15	.177800	.234135	.924074	1.000000	.832917	2.209789
16	.190500	.258853	.948987	1.000000	.879876	2.332461
17	.203200	.279583	.967477	1.000000	.919231	2.430502
18	.215900	.297055	.981626	1.000000	.952384	2.510126
19	.228600	.311043	.992128	1.000000	.978920	2.572081
20	.241300	.319189	.997936	1.000000	.994370	2.607475
21	.254000	.322276	1.000084	1.000000	1.000230	2.620774
22	.266700	.321436	.999501	1.000000	.998632	2.617153
23	.279400	.318346	.997345	1.000000	.992772	2.603836
24	.292100	.312897	.993469	1.000000	.982437	2.580179
25	.304800	.306492	.988787	1.000000	.970289	2.552094
26	.317500	.298122	.982452	1.000000	.954409	2.514908
27	.330200	.289302	.975497	1.000000	.937675	2.475114
28	.342900	.280482	.968235	1.000000	.920937	2.434663
29	.355600	.271999	.960941	1.000000	.904835	2.395105
30	.368300	.264977	.954658	1.000000	.891504	2.361851
31	.381000	.260202	.950251	1.000000	.882437	2.338964
32	.393700	.257112	.947340	1.000000	.876569	2.324033
33	.406400	.255820	.946108	1.000000	.874115	2.317760
34	.419100	.255370	.945678	1.000000	.873262	2.315575
35	.431800	.255651	.945947	1.000000	.873795	2.316941
36	.444500	.256157	.946431	1.000000	.874755	2.319398
37	.457200	.257617	.947820	1.000000	.877529	2.326483
38	.469900	.258572	.948722	1.000000	.879343	2.331104
39	.482600	.259921	.949989	1.000000	.881903	2.337611
40	.495300	.261381	.951350	1.000000	.884677	2.344640
41	.508000	.262056	.951975	1.000000	.885957	2.347876
42	.520700	.263235	.953063	1.000000	.888197	2.353530
43	.533400	.263966	.953734	1.000000	.889584	2.357023

ID NO. 31408-012

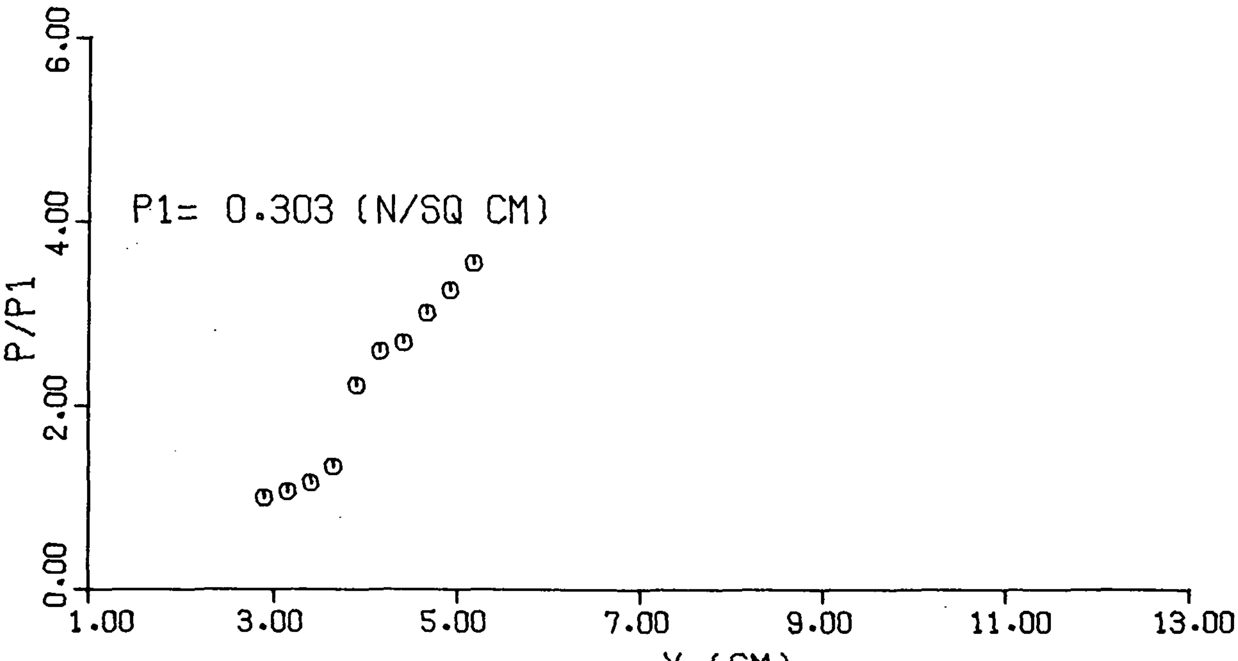
STATION X= 4.85 CM PTO= 30.831 N/SQ CM TTO=302.11K
R= 1.181 CM PWALL= 1.0430 N/SQ CM CF= .00125 PI =2.160
UE= 592.8 M/SEC RHOE=.00889 KG/CUB M RE= 19.279E6 /M
DELTA= .259 CM DELTA*= .1056 CM THETA= .0216 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.033829	.000000	1.000000	.420570	.000000
2	.012700	.062511	.526973	1.000000	.501221	.979194
3	.025400	.067511	.557975	1.000000	.513139	1.049056
4	.038100	.072510	.580081	1.000000	.522431	1.100447
5	.050800	.079196	.610317	1.000000	.536325	1.173101
6	.063500	.087398	.643167	1.000000	.553156	1.255491
7	.076200	.097116	.677118	1.000000	.572720	1.344935
8	.088900	.109026	.713400	1.000000	.596465	1.446078
9	.101600	.122284	.748257	1.000000	.622528	1.549517
10	.114300	.138295	.784667	1.000000	.653827	1.665262
11	.127000	.155710	.819027	1.000000	.687976	1.782997
12	.139700	.175260	.852063	1.000000	.725964	1.905440
13	.152400	.195541	.881696	1.000000	.765287	2.024403
14	.165100	.217675	.909936	1.000000	.808414	2.147306
15	.177800	.238292	.932854	1.000000	.848317	2.255064
16	.190500	.259359	.953638	1.000000	.889058	2.360014
17	.203200	.278572	.970648	1.000000	.926192	2.451763
18	.215900	.293965	.983127	1.000000	.955931	2.522835
19	.228600	.305818	.992118	1.000000	.978826	2.576215
20	.241300	.313121	.997412	1.000000	.992930	2.608555
21	.254000	.316436	.999757	1.000000	.999330	2.623099
22	.266700	.316717	.999954	1.000000	.999872	2.624328
23	.279400	.315593	.999164	1.000000	.997703	2.619409
24	.292100	.312841	.997212	1.000000	.992387	2.607319
25	.304800	.308908	.994380	1.000000	.984793	2.589947
26	.317500	.304639	.991246	1.000000	.976547	2.570953
27	.330200	.299133	.987110	1.000000	.965914	2.546249
28	.342900	.294302	.983390	1.000000	.956582	2.524368
29	.355600	.288572	.978863	1.000000	.945512	2.498166
30	.368300	.282111	.973603	1.000000	.933031	2.468287
31	.381000	.274527	.967207	1.000000	.918376	2.432738
32	.393700	.265370	.959145	1.000000	.900678	2.389103
33	.406400	.255483	.949992	1.000000	.881563	2.341062
34	.419100	.246326	.941068	1.000000	.863856	2.295660
35	.431800	.239528	.934142	1.000000	.850708	2.261358
36	.444500	.234528	.928875	1.000000	.841035	2.235786
37	.457200	.231270	.925360	1.000000	.834730	2.218960
38	.469900	.228742	.922585	1.000000	.829838	2.205816
39	.482600	.227955	.921714	1.000000	.828316	2.201710
40	.495300	.227618	.921339	1.000000	.827663	2.199948
41	.508000	.227843	.921589	1.000000	.828098	2.201123
42	.520700	.228012	.921776	1.000000	.828424	2.202003
43	.533400	.228742	.922585	1.000000	.829838	2.205816

ID NO. 32406-001

PTO= 36.8747 N/SQ CM
TTO= 300.7778 K
PBAR= 759.4000 MMHG
TMAN= 297.0000 K

I	X(CM)	P(N/SQ CM)
1	2.8956	.3034
2	3.1496	.3238
3	3.4036	.3516
4	3.6576	.4062
5	3.9116	.6751
6	4.1656	.7881
7	4.4196	.8159
8	4.6736	.9123
9	4.9276	.9873
10	5.1816	1.0773



ID NO. 32406 -001

ID NO. 32406-002

STATION X= 2.90 CM PTO= 36.875 N/SQ CM TTO=300.78K
R= 1.181 CM PWALL= .3034 N/SQ CM CF= .00208 PI = .755
UE= 634.7 M/SEC RHOE=.00328 KG/CUB M RE= 9.657E6 /M
DELTA= .292 CM DELTA*= .1173 CM THETA= .0204 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.008228	.000000	1.000000	.332875	.000000
2	.012700	.022457	.616102	1.000000	.445752	1.302109
3	.025400	.029549	.695523	1.000000	.491490	1.543537
4	.038100	.034199	.735992	1.000000	.521234	1.682047
5	.050800	.037581	.761257	1.000000	.542678	1.775216
6	.063500	.040447	.780536	1.000000	.560807	1.850325
7	.076200	.043171	.797327	1.000000	.578020	1.918917
8	.088900	.045942	.813070	1.000000	.595509	1.986188
9	.101600	.048607	.828101	1.000000	.613574	2.053360
10	.114300	.051907	.843268	1.000000	.633316	2.124342
11	.127000	.055195	.857937	1.000000	.654030	2.196356
12	.139700	.058248	.870540	1.000000	.673255	2.261136
13	.152400	.062006	.884866	1.000000	.696903	2.338365
14	.165100	.065529	.897248	1.000000	.719063	2.408489
15	.177800	.069427	.909907	1.000000	.743578	2.483757
16	.190500	.073514	.922138	1.000000	.769266	2.560252
17	.203200	.077553	.933305	1.000000	.794650	2.633664
18	.215900	.081593	.943763	1.000000	.820294	2.705802
19	.228600	.085914	.954035	1.000000	.847453	2.780166
20	.241300	.090423	.963967	1.000000	.875788	2.855684
21	.254000	.095073	.973460	1.000000	.905004	2.931513
22	.266700	.100052	.982874	1.000000	.936280	3.010574
23	.279400	.105031	.991598	1.000000	.967552	3.087601
24	.292100	.110198	1.000000	1.000000	1.000000	3.165545
25	.304800	.115740	1.008356	1.000000	1.034804	3.247069
26	.317500	.121471	1.016358	1.000000	1.070784	3.329249
27	.330200	.127154	1.023724	1.000000	1.106466	3.408792
28	.342900	.133542	1.031462	1.000000	1.146911	3.496766
29	.355600	.139366	1.037960	1.000000	1.183489	3.574466
30	.368300	.144768	1.043603	1.000000	1.217411	3.645042
31	.381000	.150122	1.048868	1.000000	1.251036	3.713677
32	.393700	.154679	1.053110	1.000000	1.279645	3.771091
33	.406400	.158718	1.056702	1.000000	1.305009	3.821272
34	.419100	.161583	1.059160	1.000000	1.323000	3.856468
35	.431800	.163932	1.061120	1.000000	1.337746	3.885079
36	.444500	.165388	1.062313	1.000000	1.346888	3.902713
37	.457200	.166139	1.062921	1.000000	1.351607	3.911782
38	.469900	.166703	1.063375	1.000000	1.355145	3.918571
39	.482600	.166797	1.063450	1.000000	1.355735	3.919701
40	.495300	.166797	1.063450	1.000000	1.355735	3.919701
41	.508000	.166797	1.063450	1.000000	1.355735	3.919701
42	.520700	.166374	1.063110	1.000000	1.353081	3.914613
43	.533400	.165905	1.062732	1.000000	1.350132	3.908950

STATION X= 3.15 CM PTO= 36.875 N/SQ CM TTO=300.78K
R= 1.181 CM PWALL= .3238 N/SQ CM CF= .00211 PI = .763
UE= 629.0 M/SEC RHOE=.00338 KG/CUB M RE= 9.51056 /M
DELTA= .292 CM DELTA*= .1152 CM THETA= .0208 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.008780	.000000	1.000000	.344835	.000000
2	.012700	.023349	.613605	1.000000	.457751	1.279554
3	.025400	.030395	.691418	1.000000	.502095	1.510041
4	.038100	.035280	.733173	1.000000	.532299	1.648691
5	.050800	.038756	.758997	1.000000	.553884	1.741022
6	.063500	.041856	.779540	1.000000	.572941	1.818646
7	.076200	.044580	.796072	1.000000	.589661	1.884120
8	.088900	.047492	.812378	1.000000	.607512	1.951600
9	.101600	.050451	.827679	1.000000	.625632	2.017792
10	.114300	.053551	.842500	1.000000	.644599	2.084826
11	.127000	.057121	.858380	1.000000	.666651	2.160150
12	.139700	.060315	.871370	1.000000	.686181	2.224728
13	.152400	.064073	.885508	1.000000	.709144	2.298342
14	.165100	.067689	.898080	1.000000	.731236	2.367002
15	.177800	.071682	.910916	1.000000	.755613	2.440524
16	.190500	.075627	.922650	1.000000	.779694	2.511043
17	.203200	.079620	.933668	1.000000	.804055	2.580419
18	.215900	.083378	.943334	1.000000	.826978	2.644037
19	.228600	.087652	.953692	1.000000	.853322	2.715313
20	.241300	.091926	.963234	1.000000	.879401	2.784072
21	.254000	.096529	.972800	1.000000	.907481	2.856257
22	.266700	.101179	.981793	1.000000	.935842	2.927360
23	.279400	.106205	.990834	1.000000	.966491	3.002305
24	.292100	.111701	1.000000	1.000000	1.000000	3.082159
25	.304800	.116961	1.008145	1.000000	1.032073	3.156699
26	.317500	.122598	1.016262	1.000000	1.066433	3.234649
27	.330200	.129080	1.024900	1.000000	1.105942	3.322023
28	.342900	.134998	1.032207	1.000000	1.142013	3.399831
29	.355600	.140681	1.038822	1.000000	1.176999	3.473635
30	.368300	.145989	1.044565	1.000000	1.209359	3.540530
31	.381000	.151532	1.050212	1.000000	1.243149	3.609058
32	.393700	.156041	1.054564	1.000000	1.270638	3.663861
33	.406400	.159657	1.057909	1.000000	1.292686	3.707231
34	.419100	.161724	1.059764	1.000000	1.305284	3.731787
35	.431800	.163133	1.061007	1.000000	1.313874	3.748437
36	.444500	.164073	1.061826	1.000000	1.319600	3.759497
37	.457200	.164308	1.062030	1.000000	1.321032	3.762256
38	.469900	.164636	1.062314	1.000000	1.323036	3.766116
39	.482600	.165106	1.062718	1.000000	1.325899	3.771624
40	.495300	.230865	1.105254	1.000000	1.727123	4.476916
41	.508000	.245238	1.111890	1.000000	1.814740	4.616621
42	.520700	.245050	1.111808	1.000000	1.813595	4.614822
43	.533400	.245050	1.111808	1.000000	1.813595	4.614822

ID NO. 32406-004

STATION X= 3.40 CM PTO= 36.875 N/SQ CM TTO=300.78K
R= 1.181 CM PWALL= .3516 N/SQ CM CF= .00215 PT = .793
UE= 620.4 M/SEC RHOE=.00349 KG/CUB M RE= 9.211E6 /M
DELTA= .292 CM DELTA*= .1125 CM THETA= .0214 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.009535	.000000	1.000000	.362565	.000000
2	.012700	.023960	.604627	1.000000	.472724	1.232540
3	.025400	.031334	.689864	1.000000	.517843	1.463346
4	.038100	.035890	.724922	1.000000	.545194	1.587000
5	.050800	.039742	.753706	1.000000	.568381	1.684734
6	.063500	.042842	.774328	1.000000	.585861	1.758742
7	.076200	.045942	.793168	1.000000	.605304	1.829625
8	.088900	.048854	.809461	1.000000	.622605	1.893704
9	.101600	.051766	.824560	1.000000	.639887	1.955617
10	.114300	.054866	.839474	1.000000	.658266	2.019379
11	.127000	.058436	.855342	1.000000	.679411	2.090334
12	.139700	.062147	.870691	1.000000	.701614	2.162335
13	.152400	.065670	.884027	1.000000	.722468	2.227843
14	.165100	.069474	.897381	1.000000	.744979	2.296458
15	.177800	.073608	.910796	1.000000	.769423	2.368718
16	.190500	.077459	.922386	1.000000	.792192	2.434096
17	.203200	.081640	.934082	1.000000	.816896	2.503100
18	.215900	.085491	.944128	1.000000	.839651	2.565017
19	.228600	.089672	.954321	1.000000	.864342	2.630555
20	.241300	.093993	.964264	1.000000	.890147	2.697346
21	.254000	.098502	.973844	1.000000	.916784	2.764603
22	.266700	.102917	.982615	1.000000	.942863	2.828898
23	.279400	.107708	.991517	1.000000	.971156	2.897041
24	.292100	.112593	1.000000	1.000000	1.000000	2.964898
25	.304800	.117713	1.008310	1.000000	1.030227	3.034381
26	.317500	.123349	1.016839	1.000000	1.063500	3.109071
27	.330200	.128939	1.024721	1.000000	1.096492	3.181400
28	.342900	.134951	1.032625	1.000000	1.131975	3.257399
29	.355600	.140071	1.038931	1.000000	1.162189	3.320740
30	.368300	.145566	1.045305	1.000000	1.194618	3.387408
31	.381000	.150592	1.050873	1.000000	1.224635	3.447968
32	.393700	.161067	1.061440	1.000000	1.286465	3.569475
33	.406400	.233589	1.112216	1.000000	1.714437	4.317771
34	.419100	.239225	1.115050	1.000000	1.747693	4.370557
35	.431800	.242654	1.116719	1.000000	1.767923	4.402359
36	.444500	.243828	1.117281	1.000000	1.774851	4.413197
37	.457200	.244345	1.117564	1.000000	1.778361	4.418678
38	.469900	.244345	1.117564	1.000000	1.778361	4.418678
39	.482600	.244345	1.117564	1.000000	1.778361	4.418678
40	.495300	.243969	1.117385	1.000000	1.776144	4.415215
41	.508000	.243688	1.117214	1.000000	1.774020	4.411898
42	.520700	.243641	1.117192	1.000000	1.773743	4.411464
43	.533400	.243828	1.117281	1.000000	1.774851	4.413197

STATION X= 3.66 CM PTO= 36.875 N/SQ CM TTO=300.78K
R= 1.181 CM PWALL= .4062 N/SQ CM CF= .00142 PI =1.531
UE= 638.3 M/SEC RHOE=.00450 KG/CUB M RE= 13.63256 /M
DELTA= .292 CM DELTA*= .1508 CM THETA= .0251 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.011017	.000000	1.000000	.325225	.000000
2	.012700	.022269	.517829	1.000000	.397070	1.050975
3	.025400	.029362	.605274	1.000000	.432025	1.281384
4	.038100	.034763	.654791	1.000000	.457619	1.426682
5	.050800	.039319	.689831	1.000000	.479049	1.537820
6	.063500	.043030	.714721	1.000000	.496294	1.621731
7	.076200	.046553	.736242	1.000000	.512781	1.698084
8	.088900	.050029	.755400	1.000000	.528861	1.769379
9	.101600	.053692	.773873	1.000000	.545779	1.841412
10	.114300	.057027	.789354	1.000000	.561157	1.904526
11	.127000	.060315	.803525	1.000000	.576302	1.964704
12	.139700	.063697	.817095	1.000000	.591866	2.024683
13	.152400	.067314	.830603	1.000000	.608498	2.086873
14	.165100	.070789	.842867	1.000000	.624683	2.145664
15	.177800	.074923	.856269	1.000000	.643682	2.212682
16	.190500	.078915	.868299	1.000000	.662024	2.275510
17	.203200	.082955	.879651	1.000000	.680573	2.337333
18	.215900	.086665	.889425	1.000000	.697607	2.392696
19	.228600	.091362	.900991	1.000000	.719161	2.460969
20	.241300	.095731	.911017	1.000000	.739200	2.522786
21	.254000	.100569	.921387	1.000000	.761388	2.589511
22	.266700	.106675	.933490	1.000000	.789384	2.671326
23	.279400	.120578	.957706	1.000000	.853396	2.849577
24	.292100	.152565	1.000000	1.000000	1.000000	3.220867
25	.304800	.176520	1.023617	1.000000	1.110074	3.473652
26	.317500	.189249	1.034151	1.000000	1.168406	3.600425
27	.330200	.202635	1.044052	1.000000	1.229746	3.729088
28	.342900	.215177	1.052397	1.000000	1.287207	3.845712
29	.355600	.225228	1.058524	1.000000	1.333259	3.936687
30	.368300	.231804	1.062291	1.000000	1.363386	3.995081
31	.381000	.236736	1.065000	1.000000	1.385980	4.038321
32	.393700	.239319	1.066381	1.000000	1.397815	4.060786
33	.406400	.240588	1.067050	1.000000	1.403625	4.071769
34	.419100	.241480	1.067517	1.000000	1.407713	4.079480
35	.431800	.241950	1.067762	1.000000	1.409865	4.083532
36	.444500	.242372	1.067982	1.000000	1.411801	4.087176
37	.457200	.242795	1.068201	1.000000	1.413738	4.090817
38	.469900	.243312	1.068467	1.000000	1.416105	4.095262
39	.482600	.243688	1.068661	1.000000	1.417826	4.098492
40	.495300	.243688	1.068661	1.000000	1.417826	4.098492
41	.508000	.243688	1.068661	1.000000	1.417826	4.098492
42	.520700	.243218	1.068419	1.000000	1.415674	4.094454
43	.533400	.242701	1.068152	1.000000	1.413308	4.090008

ID NO. 32406-006

STATION X= 3.91 CM PT0= 36.875 N/SQ CM TT0=300.78K
R= 1.191 CM PWALL= .6751 N/SQ CM CF= .00068 PI =4.913
UE= 577.4 M/SEC RHOE=.00542 KG/CUB M RE= 10.83E6 /M
DELTA= .241 CM DELTA*= .1223 CM THETA= .0233 CM

I	Y(CM)	PT/PT0	U/UE	TT/TT0	RHO/RHOE	M
1	.000000	.018307	.000000	1.000000	.447875	.000000
2	.012700	.019639	.189684	1.000000	.456952	.318340
3	.025400	.021987	.303905	1.000000	.471941	.518332
4	.038100	.025040	.393753	1.000000	.489803	.684164
5	.050800	.029174	.475163	1.000000	.511657	.843835
6	.063500	.033683	.538111	1.000000	.533105	.975447
7	.076200	.038756	.589746	1.000000	.554320	1.090111
8	.088900	.043547	.630948	1.000000	.574050	1.186846
9	.101600	.049089	.671140	1.000000	.596128	1.286496
10	.114300	.055195	.709404	1.000000	.620205	1.387033
11	.127000	.062006	.746397	1.000000	.646838	1.490367
12	.139700	.069803	.782842	1.000000	.676921	1.599073
13	.152400	.080164	.824523	1.000000	.717008	1.733366
14	.165100	.093241	.868069	1.000000	.766975	1.887428
15	.177800	.106487	.904951	1.000000	.817521	2.031421
16	.190500	.118417	.933549	1.000000	.863265	2.153450
17	.203200	.128516	.954774	1.000000	.901726	2.250938
18	.215900	.137206	.971299	1.000000	.934799	2.331510
19	.228600	.146177	.986907	1.000000	.968927	2.411834
20	.241300	.154585	1.000364	1.000000	1.000898	2.484726
21	.254000	.164355	1.014753	1.000000	1.038036	2.566800
22	.266700	.174688	1.028692	1.000000	1.077304	2.650819
23	.279400	.185820	1.042539	1.000000	1.119960	2.739170
24	.292100	.198267	1.056522	1.000000	1.167264	2.833926
25	.304800	.210902	1.069435	1.000000	1.215270	2.926957
26	.317500	.221471	1.079369	1.000000	1.255417	3.002544
27	.330200	.229409	1.086366	1.000000	1.285569	3.058084
28	.342900	.234669	1.090802	1.000000	1.305549	3.094340
29	.355600	.237253	1.092924	1.000000	1.315361	3.111988
30	.368300	.238615	1.094029	1.000000	1.320534	3.121254
31	.381000	.239319	1.094596	1.000000	1.323210	3.126035
32	.393700	.239319	1.094596	1.000000	1.323210	3.126035
33	.406400	.239789	1.094973	1.000000	1.324994	3.129219
34	.419100	.239789	1.094973	1.000000	1.324994	3.129219
35	.431800	.240165	1.095274	1.000000	1.326421	3.131763
36	.444500	.240541	1.095574	1.000000	1.327848	3.134306
37	.457200	.241010	1.095948	1.000000	1.329631	3.137481
38	.469900	.241668	1.096470	1.000000	1.332129	3.141921
39	.482600	.242231	1.096915	1.000000	1.334269	3.145721
40	.495300	.242701	1.097285	1.000000	1.336053	3.148885
41	.508000	.243312	1.097764	1.000000	1.338372	3.152993
42	.520700	.243688	1.098058	1.000000	1.339799	3.155518
43	.533400	.243875	1.098205	1.000000	1.340513	3.156780

ID NO. 32406-007

STATION X= 4.17 CM PTO= 36.875 N/SQ CM TTO=300.78K
R= 1.181 CM PWALL= .7881 N/SQ CM CF= .00054 PI =4.891
UE= 623.2 M/SEC RHOE=.00795 KG/CUB M RE= 21.421E6 /M
DELTA= .293 CM DELTA*= .1562 CM THETA= .0242 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.021372	.000000	1.000000	.356755	.000000
2	.012700	.024524	.244779	1.000000	.371056	.447694
3	.025400	.026825	.312632	1.000000	.380689	.579171
4	.038100	.029737	.374183	1.000000	.392065	.703480
5	.050800	.033777	.436540	1.000000	.406596	.835785
6	.063500	.039225	.497618	1.000000	.424346	.973295
7	.076200	.045754	.550178	1.000000	.443013	1.099512
8	.088900	.052988	.597442	1.000000	.463076	1.220705
9	.101600	.061020	.641013	1.000000	.484924	1.340271
10	.114300	.069239	.678613	1.000000	.505915	1.450702
11	.127000	.077553	.711269	1.000000	.528855	1.553067
12	.139700	.085961	.740217	1.000000	.550928	1.649662
13	.152400	.094603	.766772	1.000000	.573735	1.743656
14	.165100	.103951	.792084	1.000000	.598150	1.839352
15	.177800	.115270	.819136	1.000000	.627656	1.948522
16	.190500	.127577	.844912	1.000000	.659677	2.060467
17	.203200	.142746	.872675	1.000000	.699342	2.191219
18	.215900	.159704	.899193	1.000000	.743386	2.327816
19	.228600	.179244	.925306	1.000000	.794095	2.475768
20	.241300	.202448	.951518	1.000000	.854269	2.640602
21	.254000	.228610	.976388	1.000000	.922388	2.815579
22	.266700	.252377	.995481	1.000000	.984002	2.964964
23	.279400	.263979	1.003840	1.000000	1.014071	3.035200
24	.292100	.259470	1.000659	1.000000	1.002385	3.008098
25	.304800	.249230	.993112	1.000000	.975844	2.945621
26	.317500	.244016	.989085	1.000000	.962330	2.913292
27	.330200	.242091	.987565	1.000000	.957337	2.901259
28	.342900	.241480	.987079	1.000000	.955755	2.897433
29	.355600	.241480	.987079	1.000000	.955755	2.897433
30	.368300	.241245	.986891	1.000000	.955146	2.895961
31	.381000	.241198	.986854	1.000000	.955024	2.895666
32	.393700	.241198	.986854	1.000000	.955024	2.895666
33	.406400	.240963	.986666	1.000000	.954415	2.894192
34	.419100	.240963	.986666	1.000000	.954415	2.894192
35	.431800	.240963	.986666	1.000000	.954415	2.894192
36	.444500	.240963	.986665	1.000000	.954415	2.894192
37	.457200	.240963	.986666	1.000000	.954415	2.894192
38	.469900	.241245	.986891	1.000000	.955146	2.895961
39	.482600	.241666	.987229	1.000000	.956242	2.898611
40	.495300	.242138	.987602	1.000000	.957459	2.901553
41	.508000	.242325	.987751	1.000000	.957946	2.902729
42	.520700	.242607	.987974	1.000000	.958677	2.904493
43	.533400	.243030	.988309	1.000000	.959773	2.907135

ID NO. 32406-008

STATION X= 4.42 CM PTO= 36.875 N/SQ CM TTO=300.78K
R= 1.181 CM PWALL= .8159 N/SQ CM CF= .00075 PI =3.271
UE= 634.8 M/SEC RHOE=.00883 KG/CUB M RE= 26.00656 /M
DELTA= .317 CM DELTA*= .1603 CM THETA= .0250 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.022127	.000000	1.000000	.332675	.000000
2	.012700	.031475	.378867	1.000000	.367917	.727790
3	.025400	.034716	.425389	1.000000	.378365	.828677
4	.038100	.038286	.466144	1.000000	.389095	.920857
5	.050800	.043218	.512457	1.000000	.403363	1.030740
6	.063500	.049841	.556492	1.000000	.419334	1.141255
7	.076200	.057732	.602265	1.000000	.438926	1.263693
8	.088900	.066374	.643797	1.000000	.459870	1.382645
9	.101600	.075768	.682020	1.000000	.482422	1.500219
10	.114300	.085021	.714202	1.000000	.504352	1.606320
11	.127000	.094885	.744310	1.000000	.527801	1.712508
12	.139700	.105172	.771644	1.000000	.552018	1.815671
13	.152400	.115552	.796013	1.000000	.576401	1.913931
14	.165100	.127201	.820224	1.000000	.603716	2.018333
15	.177800	.139507	.843002	1.000000	.632746	2.123671
16	.190500	.151719	.862968	1.000000	.661337	2.222541
17	.203200	.164401	.881520	1.000000	.691004	2.320686
18	.215900	.176332	.897256	1.000000	.718897	2.409316
19	.228600	.189672	.913175	1.000000	.750059	2.504657
20	.241300	.205688	.930303	1.000000	.787481	2.614498
21	.254000	.223349	.947185	1.000000	.828987	2.731193
22	.266700	.241621	.962600	1.000000	.871659	2.846187
23	.279400	.261067	.977197	1.000000	.917063	2.963642
24	.292100	.276191	.987455	1.000000	.952369	3.051855
25	.304800	.287887	.994813	1.000000	.979668	3.118351
26	.317500	.297281	1.000396	1.000000	1.001593	3.170747
27	.330200	.305125	1.004851	1.000000	1.019899	3.213840
28	.342900	.303857	1.004143	1.000000	1.016939	3.206912
29	.355600	.285162	.993141	1.000000	.973310	3.102990
30	.368300	.259094	.975793	1.000000	.912457	2.951941
31	.381000	.246130	.966140	1.000000	.882189	2.873853
32	.393700	.243265	.963902	1.000000	.875498	2.856304
33	.406400	.242372	.963197	1.000000	.873414	2.850816
34	.419100	.242372	.963197	1.000000	.873414	2.850816
35	.431800	.242138	.963011	1.000000	.872866	2.849370
36	.444500	.242138	.963011	1.000000	.872866	2.849370
37	.457200	.242138	.963011	1.000000	.872866	2.849370
38	.469900	.242138	.963011	1.000000	.872866	2.849370
39	.482600	.242138	.963011	1.000000	.872866	2.849370
40	.495300	.242138	.963011	1.000000	.872866	2.849370
41	.508000	.242513	.963309	1.000000	.873743	2.851684
42	.520700	.242936	.963643	1.000000	.874731	2.854284
43	.533400	.243312	.963939	1.000000	.875608	2.856593

ID NO. 32406-009

STATION X= 4.67 CM PTO= 36.875 N/SQ CM TTO=300.78K
R= 1.181 CM PWALL= .9123 N/SQ CM CF= .00099 PI =2.700
UE= 609.5 M/SEC RHOE=.00853 KG/CUB M RE= 20.83956 /M
DELTA= .290 CM DELTA*= .1277 CM THETA= .0234 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.024741	.000000	1.000000	.384886	.000000
2	.012700	.037863	.431409	1.000000	.434644	.803992
3	.025400	.041809	.475723	1.000000	.447130	.899224
4	.038100	.046785	.520176	1.000000	.461737	.999182
5	.050800	.053082	.563314	1.000000	.478232	1.101201
6	.063500	.060597	.607089	1.000000	.497722	1.210717
7	.076200	.069803	.651858	1.000000	.521083	1.330159
8	.088900	.079714	.692316	1.000000	.545802	1.445835
9	.101600	.090658	.730186	1.000000	.572714	1.562067
10	.114300	.101179	.761672	1.000000	.598444	1.665623
11	.127000	.111748	.789704	1.000000	.624414	1.763997
12	.139700	.122645	.815138	1.000000	.650920	1.859068
13	.152400	.134012	.836784	1.000000	.678535	1.953139
14	.165100	.145895	.860889	1.000000	.707353	2.046738
15	.177800	.158718	.882398	1.000000	.738665	2.143806
16	.190500	.173796	.904726	1.000000	.775181	2.251728
17	.203200	.190185	.926189	1.000000	.814850	2.363390
18	.215900	.206816	.945493	1.000000	.855062	2.471437
19	.228600	.225416	.964621	1.000000	.900021	2.566902
20	.241300	.242185	.980130	1.000000	.940838	2.687435
21	.254000	.255524	.991307	1.000000	.973079	2.764262
22	.266700	.263274	.997413	1.000000	.991808	2.807926
23	.279400	.266562	.999923	1.000000	.999753	2.826244
24	.292100	.267549	1.000667	1.000000	1.002136	2.831717
25	.304800	.268253	1.001196	1.000000	1.003839	2.835619
26	.317500	.270555	1.002909	1.000000	1.009400	2.848329
27	.330200	.274265	1.005626	1.000000	1.018365	2.868701
28	.342900	.278658	1.008921	1.000000	1.029486	2.893773
29	.355600	.284928	1.013135	1.000000	1.044124	2.926445
30	.368300	.290188	1.016685	1.000000	1.056833	2.954518
31	.381000	.295825	1.020382	1.000000	1.070448	2.984300
32	.393700	.301978	1.024297	1.000000	1.085311	3.016476
33	.406400	.301978	1.024297	1.000000	1.085311	3.016476
34	.419100	.285632	1.013616	1.000000	1.045826	2.930221
35	.431800	.258201	.993447	1.000000	.979550	2.779424
36	.444500	.246835	.984127	1.000000	.952078	2.714465
37	.457200	.244580	.982203	1.000000	.946629	2.701394
38	.469900	.244251	.981920	1.000000	.945834	2.699482
39	.482600	.244063	.981758	1.000000	.945380	2.698389
40	.495300	.243569	.981677	1.000000	.945153	2.697642
41	.508000	.243547	.981312	1.000000	.944131	2.695381
42	.520700	.243359	.981149	1.000000	.943677	2.694287
43	.533400	.243359	.981149	1.000000	.943677	2.694287

ID NO. 32406-010

STATION X= 4.93 CM PTO= 36.875 N/SQ CM TTO=300.78K
R= 1.181 CM PWALL= .9873 N/SQ CM CF= .00107 PI =2.535
UE= 602.5 M/SEC RHOE=.00891 KG/CUB M RE= 20.783E6 /M
DELTA= .260 CM DELTA*= .1145 CM THETA= .0218 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.026775	.000000	1.000000	.398770	.000000
2	.012700	.043594	.465013	1.000000	.458361	.864396
3	.025400	.048525	.509781	1.000000	.472614	.962235
4	.038100	.053551	.547908	1.000000	.486597	1.049387
5	.050800	.060221	.585798	1.000000	.502431	1.140065
6	.063500	.067877	.625385	1.000000	.521367	1.239832
7	.076200	.077177	.665983	1.000000	.543776	1.348394
8	.088900	.087605	.704900	1.000000	.568649	1.459465
9	.101600	.100522	.745675	1.000000	.599026	1.584588
10	.114300	.112640	.778717	1.000000	.627576	1.693779
11	.127000	.126402	.811072	1.000000	.659682	1.808716
12	.139700	.141527	.841875	1.000000	.694872	1.926833
13	.152400	.156557	.868567	1.000000	.729777	2.037240
14	.165100	.172433	.893506	1.000000	.766856	2.148316
15	.177800	.190282	.917952	1.000000	.808238	2.265861
16	.190500	.208178	.939507	1.000000	.849694	2.377798
17	.203200	.225886	.958437	1.000000	.890689	2.483536
18	.215900	.241151	.973143	1.000000	.926015	2.571163
19	.228600	.252706	.983414	1.000000	.952745	2.635534
20	.241300	.262335	.991576	1.000000	.975329	2.688720
21	.254000	.269474	.997271	1.000000	.991850	2.726969
22	.266700	.276191	1.002430	1.000000	1.007391	2.762467
23	.279400	.278117	1.003875	1.000000	1.011847	2.772560
24	.292100	.280184	1.005410	1.000000	1.016628	2.783351
25	.304800	.280418	1.005583	1.000000	1.017172	2.784574
26	.317500	.279526	1.004923	1.000000	1.015107	2.779922
27	.330200	.276802	1.002890	1.000000	1.008804	2.765671
28	.342900	.273749	1.000576	1.000000	1.001740	2.749612
29	.355600	.271729	.999024	1.000000	.997067	2.738936
30	.368300	.271729	.999024	1.000000	.997067	2.738936
31	.381000	.272621	.999712	1.000000	.999132	2.743658
32	.393700	.274735	1.001328	1.000000	1.004022	2.754810
33	.406400	.279009	1.004540	1.000000	1.013912	2.777225
34	.419100	.283049	1.007509	1.000000	1.023257	2.798241
35	.431800	.287558	1.010750	1.000000	1.033688	2.821515
36	.444500	.292349	1.014112	1.000000	1.044771	2.846034
37	.457200	.296811	1.017169	1.000000	1.055092	2.868680
38	.469900	.296905	1.017233	1.000000	1.055310	2.869155
39	.482600	.282579	1.007167	1.000000	1.022170	2.795805
40	.495300	.255148	.985498	1.000000	.958395	2.648939
41	.508000	.246553	.978031	1.000000	.938511	2.601455
42	.520700	.245707	.977276	1.000000	.936555	2.596737
43	.533400	.245425	.977024	1.000000	.935904	2.595163

ID NO. 32406-011

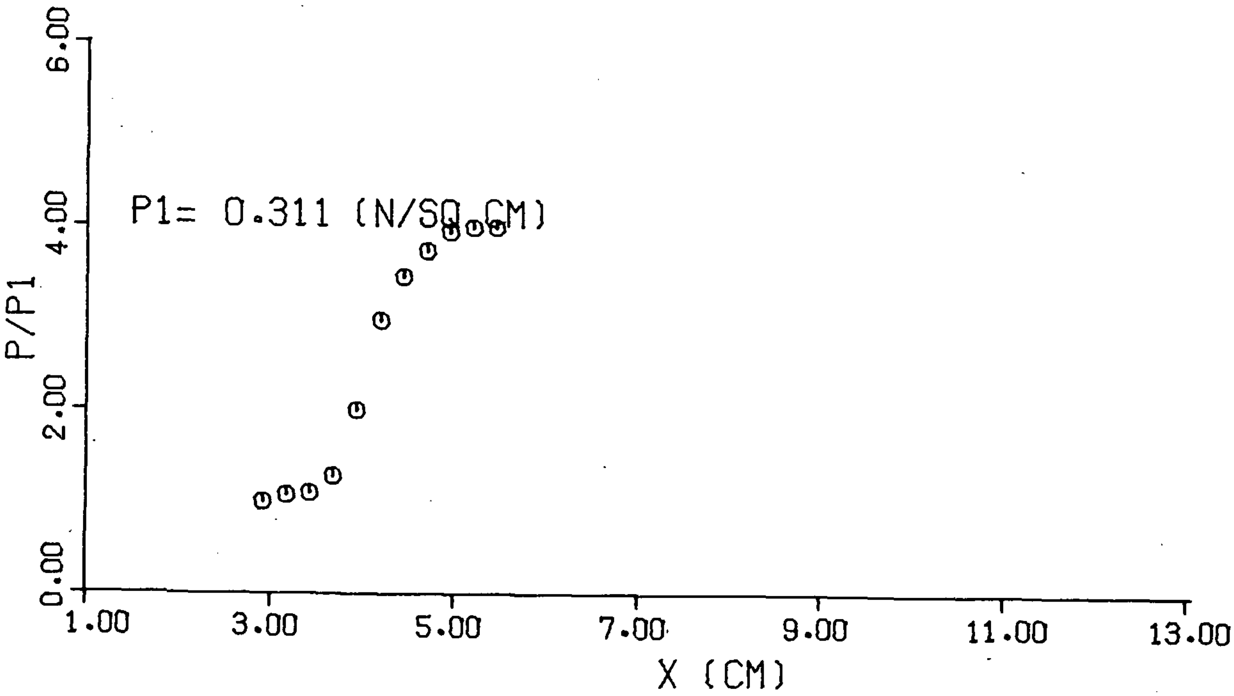
STATION X= 8.18 CM PTO= 36.875 N/SQ CM TTO=300.78K
R= 1.181 CM PWALL= 1.0773 N/SQ CM CF= .00111 PT =2.238
UE= 512.1 M/SEC RHOE=.01021 KG/CUB M RE= 25.39956 /M
DELTA= .272 CM DELTA*= .1155 CM THETA= .0212 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.029214	.000000	1.000000	.379613	.000000
2	.012700	.055148	.517297	1.000000	.455179	.997645
3	.025400	.060926	.551050	1.000000	.467725	1.077288
4	.038100	.066562	.581145	1.000000	.480233	1.151215
5	.050800	.073279	.612217	1.000000	.494676	1.231068
6	.063500	.081170	.644382	1.000000	.511334	1.317167
7	.076200	.090564	.677594	1.000000	.530809	1.411186
8	.088900	.100591	.710131	1.000000	.552448	1.508794
9	.101600	.113264	.743134	1.000000	.577453	1.614249
10	.114300	.127530	.776912	1.000000	.606858	1.730058
11	.127000	.142184	.806717	1.000000	.636660	1.840011
12	.139700	.159423	.837160	1.000000	.671632	1.961191
13	.152400	.178258	.865907	1.000000	.709774	2.085340
14	.165100	.197422	.891470	1.000000	.748792	2.205122
15	.177800	.217195	.914407	1.000000	.788775	2.321462
16	.190500	.240447	.937946	1.000000	.835749	2.451101
17	.203200	.263697	.958479	1.000000	.882694	2.574145
18	.215900	.285303	.975354	1.000000	.926300	2.683388
19	.228600	.302729	.987766	1.000000	.961777	2.769088
20	.241300	.314378	.996421	1.000000	.985289	2.824453
21	.254000	.319592	.998712	1.000000	.995811	2.848882
22	.266700	.321424	.999849	1.000000	.999508	2.857415
23	.279400	.321424	.999849	1.000000	.999508	2.857415
24	.292100	.319686	.998771	1.000000	.996001	2.849320
25	.304800	.317478	.997388	1.000000	.991546	2.839004
26	.317500	.314989	.995811	1.000000	.986521	2.827325
27	.330200	.312030	.993912	1.000000	.980549	2.813379
28	.342900	.306675	.990407	1.000000	.969741	2.787964
29	.355600	.297891	.984457	1.000000	.952011	2.745763
30	.368300	.289108	.978241	1.000000	.934278	2.702898
31	.381000	.284646	.974868	1.000000	.924973	2.680130
32	.393700	.283002	.973646	1.000000	.921656	2.671966
33	.406400	.283237	.973821	1.000000	.922130	2.673134
34	.419100	.283706	.974171	1.000000	.923078	2.675468
35	.431800	.283237	.973821	1.000000	.922130	2.673134
36	.444500	.281546	.972555	1.000000	.918717	2.664714
37	.457200	.279009	.970635	1.000000	.913599	2.652034
38	.469900	.277271	.969304	1.000000	.910092	2.643310
39	.482600	.276849	.968979	1.000000	.909239	2.641184
40	.495300	.277412	.969412	1.000000	.910376	2.644019
41	.508000	.279291	.970849	1.000000	.914168	2.653446
42	.520700	.281781	.972731	1.000000	.919191	2.665885
43	.533400	.284270	.974590	1.000000	.924215	2.678266

ID NO. 32407-001

PTO= 36.8479 N/SQ CM
TTO= 299.2222 K
PBAR= 760.0000 MMHG
TMAN= 298.1111 K

I	X(CM)	P(N/SQ CM)
1	2.9210	.3109
2	3.1750	.3329
3	3.4290	.3390
4	3.6830	.3967
5	3.9370	.6211
6	4.1910	.9228
7	4.4450	1.0708
8	4.6990	1.1580
9	4.9530	1.2222
10	5.2070	1.2368
11	5.4610	1.2368



ID NO. 32407 -001

STATION X= 2.92 CM PTO= 35.848 N/SQ CM TTO=299.22K
F= 1.181 CM PWALL= .3109 N/SQ CM CF= .00210 PI = .774
UE= 629.3 M/SEC RHOE=.00330 KG/CUB M RE= 9.461E6 /M
DELTA= .292 CM DELTA*= .1166 CM THETA= .0208 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.008437	.000000	1.000000	.340688	.000000
2	.012700	.022430	.611596	1.000000	.452210	1.279342
3	.025400	.030233	.699017	1.000000	.502605	1.541534
4	.038100	.034604	.736503	1.000000	.530365	1.668454
5	.050800	.037518	.758613	1.000000	.548992	1.748457
6	.063500	.040009	.775717	1.000000	.564737	1.813337
7	.076200	.042595	.792105	1.000000	.581054	1.878204
8	.088900	.045321	.808069	1.000000	.598239	1.944187
9	.101600	.048141	.823334	1.000000	.615998	2.010100
10	.114300	.051150	.838382	1.000000	.634924	2.078045
11	.127000	.054628	.854545	1.000000	.657015	2.154640
12	.139700	.058012	.868861	1.000000	.678292	2.225926
13	.152400	.061726	.883319	1.000000	.701625	2.301560
14	.165100	.065345	.896306	1.000000	.724356	2.372927
15	.177800	.069152	.908929	1.000000	.748258	2.445726
16	.190500	.072913	.920470	1.000000	.771857	2.515534
17	.203200	.076955	.931967	1.000000	.797218	2.588458
18	.215900	.081044	.942744	1.000000	.822866	2.660177
19	.228600	.085275	.953193	1.000000	.849671	2.733117
20	.241300	.089740	.963320	1.000000	.877683	2.807318
21	.254000	.094394	.973105	1.000000	.906869	2.882599
22	.266700	.099235	.982544	1.000000	.937229	2.958877
23	.279400	.103983	.991143	1.000000	.966996	3.031800
24	.292100	.109247	1.000000	1.000000	1.000000	3.110657
25	.304800	.114794	1.008644	1.000000	1.034768	3.191622
26	.317500	.120857	1.017376	1.000000	1.072773	3.277837
27	.330200	.126639	1.025081	1.000000	1.109006	3.357973
28	.342900	.133220	1.033261	1.000000	1.150584	3.447634
29	.355600	.139941	1.040910	1.000000	1.192721	3.536185
30	.368300	.146146	1.047462	1.000000	1.231615	3.615994
31	.381000	.152491	1.053708	1.000000	1.271391	3.695631
32	.393700	.157944	1.058745	1.000000	1.305566	3.763075
33	.406400	.162268	1.062540	1.000000	1.332670	3.815562
34	.419100	.165418	1.065199	1.000000	1.352408	3.853335
35	.431800	.167533	1.066939	1.000000	1.365665	3.878498
36	.444500	.169272	1.068342	1.000000	1.376564	3.899066
37	.457200	.170071	1.068978	1.000000	1.381572	3.908480
38	.469900	.170541	1.069351	1.000000	1.384518	3.914007
39	.482600	.170541	1.069351	1.000000	1.384518	3.914007
40	.495300	.170541	1.069351	1.000000	1.384518	3.914007
41	.508000	.170212	1.069090	1.000000	1.382456	3.910139
42	.520700	.169648	1.068642	1.000000	1.378921	3.903499
43	.533400	.169178	1.068267	1.000000	1.375975	3.897957

STATION X= 3.17 CM PTO= 36.848 N/SQ CM TTO=299.22K
R= 1.181 CM PWALL= .3329 N/SQ CM CF= .00212 PI = .806
UE= 621.8 M/SEC RHOE=.00338 KG/CUB M RE= 9.14356 /M
DELTA= .292 CM DELTA*= .1153 CM THETA= .0215 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.009035	.000000	1.000000	.356371	.000000
2	.012700	.022665	.601172	1.000000	.464396	1.231103
3	.025400	.029527	.680938	1.000000	.507967	1.458399
4	.038100	.034698	.727066	1.000000	.540151	1.605768
5	.050800	.038176	.753823	1.000000	.561871	1.698004
6	.063500	.041091	.773860	1.000000	.579884	1.770860
7	.076200	.043911	.791629	1.000000	.597284	1.838500
8	.088900	.046684	.807749	1.000000	.614371	1.902582
9	.101600	.049880	.824875	1.000000	.634042	1.973777
10	.114300	.052889	.839744	1.000000	.652536	2.038452
11	.127000	.056038	.854327	1.000000	.672105	2.104720
12	.139700	.059281	.868099	1.000000	.692031	2.170117
13	.152400	.062901	.882320	1.000000	.714254	2.240802
14	.165100	.066191	.894316	1.000000	.734446	2.303149
15	.177800	.069528	.905674	1.000000	.754918	2.364683
16	.190500	.073148	.917165	1.000000	.777112	2.429633
17	.203200	.076814	.928019	1.000000	.799587	2.493682
18	.215900	.080903	.939289	1.000000	.824648	2.563213
19	.228600	.085228	.950349	1.000000	.851142	2.634725
20	.241300	.089928	.961588	1.000000	.880217	2.711036
21	.254000	.094300	.971200	1.000000	.907003	2.779483
22	.266700	.099094	.981009	1.000000	.936375	2.852654
23	.279400	.104265	.990820	1.000000	.968046	2.929502
24	.292100	.109482	1.000000	1.000000	1.000000	3.005047
25	.304800	.115029	1.009053	1.000000	1.033964	3.083316
26	.317500	.120857	1.017867	1.000000	1.069651	3.163468
27	.330200	.126780	1.026170	1.000000	1.105909	3.242876
28	.342900	.132514	1.033648	1.000000	1.141013	3.317946
29	.355600	.139095	1.041621	1.000000	1.181292	3.402043
30	.368300	.145300	1.048670	1.000000	1.219630	3.480199
31	.381000	.151551	1.055236	1.000000	1.257908	3.556520
32	.393700	.156581	1.060208	1.000000	1.288701	3.616749
33	.406400	.160952	1.064322	1.000000	1.315465	3.668292
34	.419100	.164290	1.067342	1.000000	1.335896	3.707159
35	.431800	.166358	1.069164	1.000000	1.348557	3.731042
36	.444500	.167862	1.070465	1.000000	1.357766	3.748315
37	.457200	.168614	1.071109	1.000000	1.362370	3.756922
38	.469900	.169131	1.071548	1.000000	1.365535	3.762828
39	.482600	.169413	1.071787	1.000000	1.367262	3.766045
40	.495300	.169413	1.071787	1.000000	1.367262	3.766045
41	.508000	.209602	1.100218	1.000000	1.613260	4.199349
42	.520700	.257782	1.124096	1.000000	1.908631	4.666764
43	.533400	.257453	1.123960	1.000000	1.906617	4.663735

ID NO. 32407-004

STATION X= 3.43 CM PTO= 36.848 N/SQ CM TTO=299.22K
R= 1.181 CM PWALL= .3390 N/SQ CM CF= .00217 PI = .764
UE= 620.6 M/SEC RHOE=.00342 KG/CUB M RE= 9.169E6 /M
DELTA= .292 CM DELTA*= .1127 CM THETA= .0212 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.009201	.000000	1.000000	.358779	.000000
2	.012700	.024028	.614687	1.000000	.473498	1.264411
3	.025400	.030703	.688276	1.000000	.515311	1.476973
4	.038100	.035591	.730462	1.000000	.545372	1.612574
5	.050800	.039022	.756265	1.000000	.566557	1.701654
6	.063500	.042454	.779213	1.000000	.587519	1.785429
7	.076200	.045180	.795851	1.000000	.604144	1.849172
8	.088900	.048094	.812287	1.000000	.621891	1.914881
9	.101600	.051150	.828201	1.000000	.640477	1.981358
10	.114300	.054017	.842055	1.000000	.657902	2.041722
11	.127000	.057213	.856565	1.000000	.677538	2.107671
12	.139700	.060691	.871019	1.000000	.698664	2.176392
13	.152400	.064264	.884749	1.000000	.720347	2.244741
14	.165100	.067836	.897478	1.000000	.742019	2.311037
15	.177800	.071644	.910067	1.000000	.765107	2.379632
16	.190500	.075592	.922174	1.000000	.789041	2.448713
17	.203200	.079399	.933033	1.000000	.812113	2.513509
18	.215900	.083254	.943295	1.000000	.835463	2.577428
19	.228600	.087860	.954698	1.000000	.863362	2.651781
20	.241300	.092185	.964743	1.000000	.889835	2.720456
21	.254000	.096180	.973334	1.000000	.914038	2.781757
22	.266700	.100786	.982604	1.000000	.941937	2.850786
23	.279400	.105487	.991430	1.000000	.970401	2.919531
24	.292100	.110375	1.000000	1.000000	1.000000	2.989340
25	.304800	.115734	1.008752	1.000000	1.032440	3.064024
26	.317500	.121327	1.017246	1.000000	1.066299	3.140081
27	.330200	.127015	1.025281	1.000000	1.100724	3.215564
28	.342900	.132655	1.032710	1.000000	1.134860	3.288705
29	.355600	.138625	1.040048	1.000000	1.170984	3.364375
30	.368300	.144736	1.047056	1.000000	1.207959	3.440102
31	.381000	.150235	1.053033	1.000000	1.241606	3.507594
32	.393700	.155668	1.058559	1.000000	1.274611	3.572558
33	.406400	.168614	1.070483	1.000000	1.352848	3.722028
34	.419100	.248569	1.120251	1.000000	1.837139	4.539013
35	.431800	.253504	1.122423	1.000000	1.867010	4.584641
36	.444500	.255149	1.123131	1.000000	1.876967	4.599749
37	.457200	.255854	1.123432	1.000000	1.881234	4.606209
38	.469900	.256324	1.123632	1.000000	1.884079	4.610511
39	.482600	.256795	1.123832	1.000000	1.886924	4.614808
40	.495300	.256869	1.123871	1.000000	1.887493	4.615667
41	.508000	.257030	1.123931	1.000000	1.888346	4.616955
42	.520700	.257030	1.123931	1.000000	1.888346	4.616955
43	.533400	.257030	1.123931	1.000000	1.888346	4.616955

ID NO. 32407-005

STATION X= 3.68 CM PTO= 36.848 N/SQ CM TTO=299.22K
P= 1.181 CM PWALL= .3967 N/SQ CM CF= .00188 PI =1.118
UE= 514.1 M/SEC RHOE=.00386 KG/CUB M RE= 9.862E6 /M
DELTA= .292 CM DELTA*= .1257 CM THETA= .0245 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.010767	.000000	1.000000	.372234	.000000
2	.012700	.023323	.560633	1.000000	.463735	1.108637
3	.025400	.030233	.643795	1.000000	.503149	1.326086
4	.038100	.035168	.689332	1.000000	.530476	1.457931
5	.050800	.038881	.718584	1.000000	.550768	1.548593
6	.063500	.042313	.742736	1.000000	.569436	1.627544
7	.076200	.045227	.761655	1.000000	.585438	1.692287
8	.088900	.048282	.779727	1.000000	.601995	1.756771
9	.101600	.051291	.796181	1.000000	.618271	1.817928
10	.114300	.054393	.811922	1.000000	.635032	1.878831
11	.127000	.057589	.826988	1.000000	.652282	1.939513
12	.139700	.061303	.843196	1.000000	.672301	2.007641
13	.152400	.064687	.856892	1.000000	.690531	2.067727
14	.165100	.068541	.871545	1.000000	.711519	2.134808
15	.177800	.072349	.884831	1.000000	.732016	2.198347
16	.190500	.076438	.898089	1.000000	.754019	2.264573
17	.203200	.080574	.910549	1.000000	.776265	2.329616
18	.215900	.084382	.921262	1.000000	.796734	2.387897
19	.228600	.088753	.932759	1.000000	.820227	2.453084
20	.241300	.092984	.943150	1.000000	.842955	2.514541
21	.254000	.097590	.953724	1.000000	.867697	2.579779
22	.266700	.102385	.963992	1.000000	.893442	2.645956
23	.279400	.108260	.975767	1.000000	.925287	2.725587
24	.292100	.122173	1.000000	1.000000	1.000000	2.903860
25	.304800	.160294	1.049145	1.000000	1.204585	3.343721
26	.317500	.186006	1.073040	1.000000	1.342926	3.610917
27	.330200	.198744	1.082959	1.000000	1.411282	3.735895
28	.342900	.211623	1.091977	1.000000	1.480399	3.858132
29	.355600	.224643	1.100210	1.000000	1.550248	3.977884
30	.368300	.235454	1.106462	1.000000	1.608250	4.074638
31	.381000	.242975	1.110532	1.000000	1.648599	4.140609
32	.393700	.247112	1.112681	1.000000	1.670789	4.176448
33	.406400	.249321	1.113803	1.000000	1.682641	4.195464
34	.419100	.250919	1.114605	1.000000	1.691215	4.209167
35	.431800	.251859	1.115073	1.000000	1.696258	4.217206
36	.444500	.252752	1.115514	1.000000	1.701049	4.224829
37	.457200	.253504	1.115884	1.000000	1.705084	4.231238
38	.469900	.253974	1.116114	1.000000	1.707606	4.235239
39	.482600	.254491	1.116365	1.000000	1.710379	4.239635
40	.495300	.254961	1.116594	1.000000	1.712901	4.243628
41	.508000	.255431	1.116822	1.000000	1.715423	4.247617
42	.520700	.255713	1.116959	1.000000	1.716935	4.250009
43	.533400	.256042	1.117117	1.000000	1.718701	4.252797

STATION X= 3.94 CM PTO= 36.848 N/SQ CM TTO=299.22K
R= 1.181 CM PWALL= .6211 N/SQ CM CF= .00069 PI =3.530
UE= 640.1 M/SEC RHOE=.00707 KG/CUB M RE= 22.111E6 /M
DELTA= .339 CM DELTA*= .1779 CM THETA= .0262 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.016856	.000000	1.000000	.317975	.000000
2	.012700	.019657	.251012	1.000000	.332253	.473825
3	.025400	.024216	.379732	1.000000	.352658	.738486
4	.038100	.028963	.458385	1.000000	.371165	.914539
5	.050800	.034510	.519535	1.000000	.389718	1.062131
6	.063500	.039492	.562794	1.000000	.405592	1.173769
7	.076200	.044334	.598147	1.000000	.420610	1.270388
8	.088900	.048564	.625166	1.000000	.433538	1.348022
9	.101600	.052607	.648179	1.000000	.445682	1.417085
10	.114300	.056555	.668921	1.000000	.457634	1.481912
11	.127000	.060927	.689674	1.000000	.470660	1.549479
12	.139700	.066943	.715443	1.000000	.488517	1.637583
13	.152400	.076015	.749561	1.000000	.515516	1.762449
14	.165100	.088800	.789602	1.000000	.553215	1.923284
15	.177800	.100222	.819584	1.000000	.586809	2.056036
16	.190500	.109952	.841946	1.000000	.615597	2.163320
17	.203200	.119118	.860581	1.000000	.642513	2.259025
18	.215900	.128613	.877928	1.000000	.670376	2.354001
19	.228600	.138531	.894248	1.000000	.699464	2.449227
20	.241300	.149436	.910391	1.000000	.731432	2.549783
21	.254000	.160012	.924511	1.000000	.762423	2.643617
22	.266700	.172233	.939329	1.000000	.798485	2.748777
23	.279400	.185254	.953397	1.000000	.836638	2.855820
24	.292100	.199496	.967179	1.000000	.878362	2.968467
25	.304800	.213926	.979696	1.000000	.920627	3.078376
26	.317500	.226947	.989921	1.000000	.958757	3.174266
27	.330200	.236583	.996918	1.000000	.986972	3.243398
28	.342900	.242740	1.001159	1.000000	1.005000	3.286810
29	.355600	.246265	1.003512	1.000000	1.015322	3.311408
30	.368300	.247864	1.004561	1.000000	1.020001	3.322498
31	.381000	.248381	1.004898	1.000000	1.021514	3.326078
32	.393700	.248851	1.005203	1.000000	1.022891	3.329330
33	.406400	.249274	1.005477	1.000000	1.024129	3.332253
34	.419100	.250167	1.006054	1.000000	1.026744	3.338417
35	.431800	.250825	1.006476	1.000000	1.028670	3.342951
36	.444500	.251671	1.007017	1.000000	1.031147	3.348771
37	.457200	.252517	1.007555	1.000000	1.033624	3.354582
38	.469900	.253363	1.008090	1.000000	1.036101	3.360382
39	.482600	.253974	1.008474	1.000000	1.037890	3.364565
40	.495300	.254914	1.009063	1.000000	1.040642	3.370990
41	.508000	.255478	1.009415	1.000000	1.042294	3.374839
42	.520700	.256042	1.009765	1.000000	1.043945	3.378684
43	.533400	.256277	1.009911	1.000000	1.044633	3.380285

ID NO. 32407-008

STATION X= 4.44 CM PTO= 36.848 N/SQ CM TTO=299.22K
R= 1.181 CM PWALL= 1.0708 N/SQ CM CF= .00075 PI =3.841
UE= 594.5 M/SEC RHOE=.00941 KG/CUB M RE= 21.105E6 /M
DELTA= .292 CM DELTA*= .1352 CM THETA= .0250 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.029060	.000000	1.000000	.411620	.000000
2	.012700	.034980	.296126	1.000000	.434013	.521547
3	.025400	.037753	.349925	1.000000	.443578	.623054
4	.038100	.041655	.407608	1.000000	.456218	.736028
5	.050800	.047248	.469432	1.000000	.472941	.863062
6	.063500	.054487	.528584	1.000000	.492601	.991806
7	.076200	.063653	.583096	1.000000	.514557	1.118209
8	.088900	.074934	.637643	1.000000	.541056	1.253904
9	.101600	.086685	.683888	1.000000	.567898	1.377798
10	.114300	.098812	.724211	1.000000	.595338	1.493869
11	.127000	.113290	.764847	1.000000	.627658	1.619949
12	.139700	.127861	.800096	1.000000	.660250	1.737853
13	.152400	.142855	.831135	1.000000	.693482	1.850354
14	.165100	.156722	.856449	1.000000	.724147	1.948411
15	.177800	.168990	.876553	1.000000	.751240	2.031108
16	.190500	.179049	.891832	1.000000	.773688	2.097160
17	.203200	.189155	.905922	1.000000	.795987	2.160774
18	.215900	.201376	.921671	1.000000	.822936	2.235240
19	.228600	.218298	.941459	1.000000	.860225	2.334365
20	.241300	.239309	.963244	1.000000	.906496	2.451798
21	.254000	.259474	.981764	1.000000	.950879	2.559383
22	.266700	.276818	.996116	1.000000	.989040	2.648393
23	.279400	.285514	1.002941	1.000000	1.008492	2.692633
24	.292100	.281801	1.000000	1.000000	1.000000	2.673410
25	.304800	.269392	.990135	1.000000	.972702	2.610656
26	.317500	.259521	.981805	1.000000	.950983	2.559629
27	.330200	.255666	.978428	1.000000	.942501	2.539423
28	.342900	.253974	.976922	1.000000	.938777	2.530500
29	.355600	.253551	.976543	1.000000	.937846	2.528265
30	.368300	.253269	.976290	1.000000	.937225	2.526773
31	.381000	.253034	.976079	1.000000	.936708	2.525530
32	.393700	.253128	.976163	1.000000	.936915	2.526027
33	.406400	.253128	.976163	1.000000	.936915	2.526027
34	.419100	.253128	.976163	1.000000	.936915	2.526027
35	.431800	.253128	.976163	1.000000	.936915	2.526027
36	.444500	.253128	.976163	1.000000	.936915	2.526027
37	.457200	.252611	.975698	1.000000	.935777	2.523290
38	.469900	.252611	.975698	1.000000	.935777	2.523290
39	.482600	.252846	.975910	1.000000	.936294	2.524534
40	.495300	.253551	.976543	1.000000	.937846	2.528265
41	.508000	.254350	.977258	1.000000	.939604	2.532486
42	.520700	.255055	.977885	1.000000	.941156	2.536204
43	.533400	.255807	.978552	1.000000	.942811	2.540165

ID NO. 32407-009

STATION X= 4.70 CM PTO= 36.848 N/SQ CM TTO=299.22K
R= 1.181 CM PWALL= 1.1580 N/SQ CM CF= .00071 PT =4.185
UE= 590.9 M/SEC RHOE=.01000 KG/CUB M RE= 21.934E6 /M
DELTA= .250 CM DELTA*= .1200 CM THETA= .0223 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.031427	.000000	1.000000	.418717	.000000
2	.012700	.041608	.364060	1.000000	.453669	.646042
3	.025400	.044757	.406567	1.000000	.463225	.729033
4	.038100	.048235	.445193	1.000000	.473238	.806876
5	.050800	.053594	.493282	1.000000	.487698	.907590
6	.063500	.059798	.539547	1.000000	.504003	1.009171
7	.076200	.068212	.583618	1.000000	.522084	1.111009
8	.088900	.078929	.632982	1.000000	.545844	1.232096
9	.101600	.091338	.679904	1.000000	.572572	1.355444
10	.114300	.105910	.725901	1.000000	.603596	1.485832
11	.127000	.122596	.769689	1.000000	.638643	1.620554
12	.139700	.140599	.809635	1.000000	.676481	1.754430
13	.152400	.160247	.846325	1.000000	.717415	1.888606
14	.165100	.180177	.878108	1.000000	.758837	2.015307
15	.177800	.200859	.906746	1.000000	.802023	2.139429
16	.190500	.224173	.934483	1.000000	.850378	2.270369
17	.203200	.249697	.960654	1.000000	.903265	2.405434
18	.215900	.275173	.983291	1.000000	.956018	2.532992
19	.228600	.295714	.999470	1.000000	.998531	2.631293
20	.241300	.301402	1.003665	1.000000	1.010299	2.657863
21	.254000	.292095	.996739	1.000000	.991041	2.614243
22	.266700	.278417	.985959	1.000000	.962731	2.548768
23	.279400	.271836	.980498	1.000000	.949109	2.516654
24	.292100	.272400	.980973	1.000000	.950277	2.519423
25	.304800	.277053	.984843	1.000000	.959910	2.542149
26	.317500	.282177	.988997	1.000000	.970515	2.566936
27	.330200	.284809	.991090	1.000000	.975963	2.579577
28	.342900	.280062	.987295	1.000000	.966137	2.556732
29	.355600	.268358	.977534	1.000000	.941908	2.499512
30	.368300	.258158	.968521	1.000000	.920788	2.448542
31	.381000	.254256	.964939	1.000000	.912708	2.428761
32	.393700	.253363	.964108	1.000000	.910859	2.424210
33	.406400	.253222	.963977	1.000000	.910567	2.423490
34	.419100	.253222	.963977	1.000000	.910567	2.423490
35	.431800	.253222	.963977	1.000000	.910567	2.423490
36	.444500	.253222	.963977	1.000000	.910567	2.423490
37	.457200	.253222	.963977	1.000000	.910567	2.423490
38	.469900	.253222	.963977	1.000000	.910567	2.423490
39	.482600	.253222	.963977	1.000000	.910567	2.423490
40	.495300	.252799	.963581	1.000000	.909690	2.421331
41	.508000	.252564	.963361	1.000000	.909204	2.420130
42	.520700	.252564	.963361	1.000000	.909204	2.420130
43	.533400	.252987	.963757	1.000000	.910080	2.422291

ID NO. 32407-010

STATION X= 4.95 CM PTO= 36.848 N/SQ CM TTO=299.22K
R= 1.181 CM PWALL= 1.2222 N/SQ CM CF= .00073 PI =3.816
UE= 503.5 M/SEC RHOE=.01123 KG/CUB M RE= 26.713E6 /M
DELTA= .268 CM DELTA*= .1273 CM THETA= .0226 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.033168	.000000	1.000000	.393635	.000000
2	.012700	.048188	.408576	1.000000	.437967	.750411
3	.025400	.051432	.440755	1.000000	.446195	.817079
4	.038100	.055568	.475465	1.000000	.456166	.891221
5	.050800	.060315	.508934	1.000000	.466977	.965193
6	.063500	.066191	.545440	1.000000	.480275	1.049053
7	.076200	.074511	.582919	1.000000	.495787	1.139097
8	.088900	.084053	.622607	1.000000	.514590	1.239509
9	.101600	.096321	.665447	1.000000	.538128	1.354759
10	.114300	.110657	.707730	1.000000	.565338	1.476817
11	.127000	.127814	.750070	1.000000	.597452	1.609009
12	.139700	.147227	.790519	1.000000	.633801	1.746602
13	.152400	.168520	.827671	1.000000	.673322	1.884838
14	.165100	.191176	.861148	1.000000	.715265	2.021234
15	.177800	.215713	.892174	1.000000	.760870	2.159782
16	.190500	.242458	.920865	1.000000	.810271	2.300472
17	.203200	.271225	.947236	1.000000	.863357	2.442635
18	.215900	.300368	.970216	1.000000	.917099	2.578586
19	.228600	.325656	.987812	1.000000	.964021	2.691675
20	.241300	.340228	.997011	1.000000	.990898	2.754339
21	.254000	.345351	1.000108	1.000000	1.000334	2.776034
22	.266700	.345351	1.000108	1.000000	1.000334	2.776034
23	.279400	.342437	.998355	1.000000	.994961	2.763715
24	.292100	.335762	.994254	1.000000	.982655	2.735289
25	.304800	.321990	.985291	1.000000	.956954	2.674949
26	.317500	.298770	.969039	1.000000	.914153	2.571319
27	.330200	.280344	.954790	1.000000	.880176	2.485983
28	.342900	.274703	.950159	1.000000	.869773	2.459261
29	.355600	.276348	.951524	1.000000	.872807	2.467085
30	.368300	.279686	.954257	1.000000	.878963	2.482880
31	.381000	.282224	.956305	1.000000	.883644	2.494826
32	.393700	.278652	.953415	1.000000	.877055	2.477997
33	.406400	.268640	.945029	1.000000	.858588	2.430204
34	.419100	.259427	.936914	1.000000	.841590	2.385368
35	.431800	.255666	.933486	1.000000	.834651	2.366821
36	.444500	.254303	.932225	1.000000	.832135	2.360061
37	.457200	.253598	.931570	1.000000	.830834	2.356557
38	.469900	.253034	.931044	1.000000	.829793	2.353750
39	.482600	.252282	.930339	1.000000	.828405	2.350001
40	.495300	.251483	.929588	1.000000	.826930	2.346012
41	.508000	.250496	.928655	1.000000	.825109	2.341075
42	.520700	.248663	.926909	1.000000	.821725	2.331878
43	.533400	.247112	.925418	1.000000	.818862	2.324067

ID NO. 32407-011

STATION X= 5.21 CM PTO= 36.848 N/SQ CM TTO=299.22K
R= 1.181 CM PWALL= 1.2368 N/SQ CM CF= .00078 PI =3.436
UE= 507.2 M/SEC RHOE=.01158 KG/CUB M RE= 28.23766 /M
DELTA= .278 CM DELTA*= .1291 CM THETA= .0229 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.033564	.000000	1.000000	.386254	.000000
2	.012700	.052690	.438491	1.000000	.437934	.817914
3	.025400	.056085	.471487	1.000000	.447279	.888796
4	.038100	.060127	.500003	1.000000	.456262	.951968
5	.050800	.065345	.533395	1.000000	.467959	1.028490
6	.063500	.071409	.560922	1.000000	.478692	1.093889
7	.076200	.078694	.593490	1.000000	.492784	1.174315
8	.088900	.085001	.629545	1.000000	.510408	1.267735
9	.101600	.099141	.666616	1.000000	.531105	1.369331
10	.114300	.113196	.706663	1.000000	.556954	1.486499
11	.127000	.129271	.745392	1.000000	.586124	1.608505
12	.139700	.148449	.784748	1.000000	.620951	1.743017
13	.152400	.169883	.821654	1.000000	.659530	1.880627
14	.165100	.192821	.855099	1.000000	.700710	2.017568
15	.177800	.218298	.886804	1.000000	.746620	2.159833
16	.190500	.245953	.915924	1.000000	.796207	2.303643
17	.203200	.275406	.942308	1.000000	.848858	2.447108
18	.215900	.303940	.964354	1.000000	.899877	2.578521
19	.228600	.330028	.982163	1.000000	.946808	2.693749
20	.241300	.347372	.992836	1.000000	.977818	2.767255
21	.254000	.356115	.997922	1.000000	.993447	2.803572
22	.266700	.359358	.999762	1.000000	.999244	2.816924
23	.279400	.359782	1.000000	1.000000	1.000001	2.818661
24	.292100	.359546	.999869	1.000000	.999580	2.817696
25	.304800	.357807	.998885	1.000000	.996472	2.810546
26	.317500	.356269	.997976	1.000000	.993615	2.803960
27	.330200	.354235	.996844	1.000000	.990086	2.795602
28	.342900	.351556	.995293	1.000000	.985297	2.784692
29	.355600	.347137	.992697	1.000000	.977398	2.766273
30	.368300	.333177	.984161	1.000000	.952439	2.707246
31	.381000	.304363	.964658	1.000000	.900634	2.580419
32	.393700	.282412	.948012	1.000000	.861385	2.480018
33	.406400	.276160	.942930	1.000000	.850204	2.450664
34	.419100	.276254	.943008	1.000000	.850372	2.451108
35	.431800	.276771	.943434	1.000000	.851297	2.453545
36	.444500	.273011	.940309	1.000000	.844570	2.435740
37	.457200	.263093	.931767	1.000000	.826827	2.388126
38	.469900	.252094	.921753	1.000000	.807144	2.334172
39	.482600	.245748	.915696	1.000000	.795786	2.302460
40	.495300	.242082	.912093	1.000000	.789222	2.283935
41	.508000	.239591	.909610	1.000000	.784762	2.271259
42	.520700	.237570	.907565	1.000000	.781143	2.260922
43	.533400	.235078	.905012	1.000000	.776681	2.248115

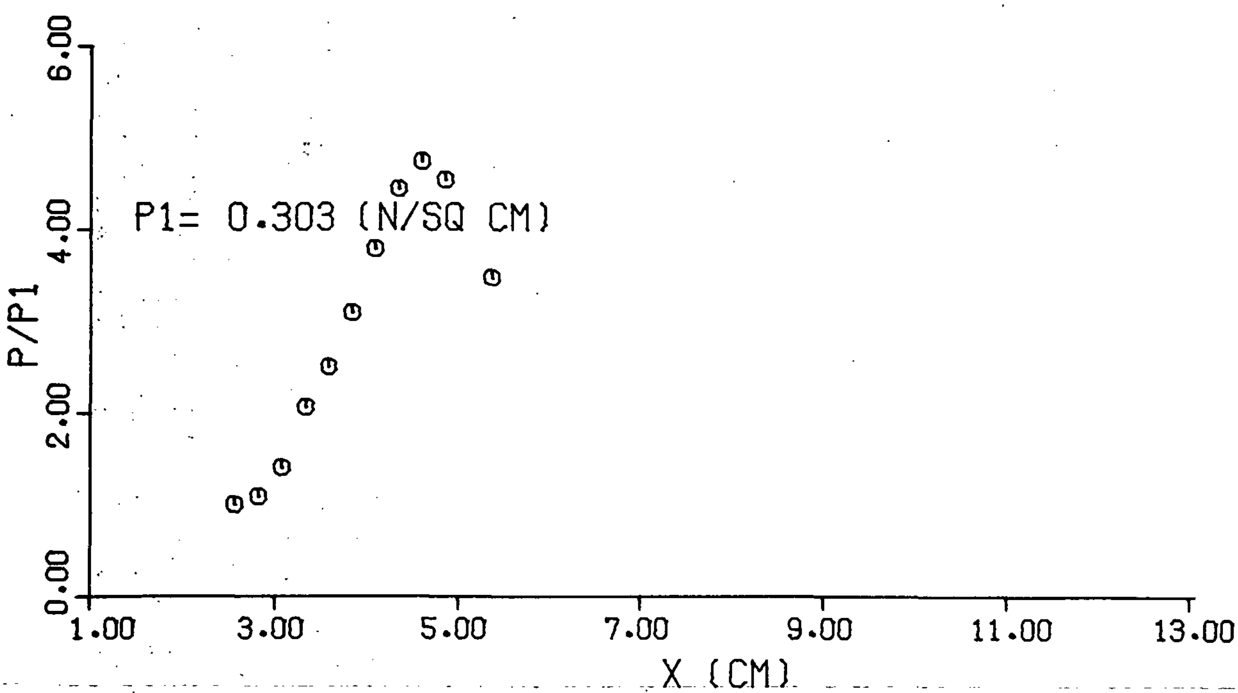
STATION X= 5.46 CM PTO= 36.848 N/SQ CM TTO=299.22K
R= 1.181 CM PWALL= 1.2368 N/SQ CM CF= .00103 PI =2.486
UE= 591.9 M/SEC RHOE=.01127 KG/CUB M RE= 26.51156 /M
DELTA= .291 CM DELTA*= .1225 CM THETA= .0234 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.033564	.000000	1.000000	.396962	.000000
2	.012700	.061538	.513526	1.000000	.472026	.972364
3	.025400	.066708	.545318	1.000000	.483702	1.045254
4	.038100	.071362	.565670	1.000000	.491875	1.093386
5	.050800	.076814	.590890	1.000000	.502834	1.154788
6	.063500	.082878	.615732	1.000000	.514617	1.217355
7	.076200	.089975	.642091	1.000000	.528311	1.286249
8	.088900	.098483	.670461	1.000000	.544586	1.363610
9	.101600	.108824	.701103	1.000000	.564203	1.451385
10	.114300	.121421	.733690	1.000000	.587757	1.550225
11	.127000	.135241	.765004	1.000000	.613463	1.651358
12	.139700	.151316	.797044	1.000000	.643476	1.762104
13	.152400	.171152	.830933	1.000000	.680157	1.888660
14	.165100	.191458	.860800	1.000000	.717622	2.009710
15	.177800	.214819	.890595	1.000000	.760910	2.141069
16	.190500	.239685	.917745	1.000000	.806689	2.271739
17	.203200	.264127	.940922	1.000000	.851649	2.393136
18	.215900	.290497	.962787	1.000000	.900122	2.517467
19	.228600	.313247	.979495	1.000000	.941921	2.619948
20	.241300	.330216	.990965	1.000000	.973401	2.694557
21	.254000	.340322	.997332	1.000000	.991970	2.737615
22	.266700	.344881	1.000114	1.000000	1.000348	2.756819
23	.279400	.345821	1.000681	1.000000	1.002075	2.760762
24	.292100	.344565	.999887	1.000000	.999657	2.755241
25	.304800	.342625	.998744	1.000000	.996202	2.747333
26	.317500	.340510	.997448	1.000000	.992316	2.738410
27	.330200	.338159	.995994	1.000000	.987997	2.728460
28	.342900	.335386	.994258	1.000000	.982902	2.715673
29	.355600	.332237	.992261	1.000000	.977115	2.703224
30	.368300	.328664	.989963	1.000000	.970550	2.687887
31	.381000	.324810	.987331	1.000000	.963160	2.670515
32	.393700	.320264	.984259	1.000000	.954699	2.650487
33	.406400	.316067	.981445	1.000000	.947101	2.632372
34	.419100	.311743	.978445	1.000000	.939158	2.613298
35	.431800	.307888	.975720	1.000000	.932077	2.596178
36	.444500	.303517	.972570	1.000000	.924046	2.576622
37	.457200	.298511	.969179	1.000000	.915592	2.555852
38	.469900	.294962	.966211	1.000000	.908327	2.537912
39	.482600	.290027	.962422	1.000000	.899258	2.515306
40	.495300	.284903	.958389	1.000000	.889842	2.491618
41	.508000	.278417	.953133	1.000000	.877920	2.461299
42	.520700	.263422	.940296	1.000000	.850353	2.389721
43	.533400	.237288	.915297	1.000000	.802278	2.259476

ID NO. 32408-001

PTO= 36.8604 N/SQ CM
TTO= 303.5556 K
PBAR= 758.4000 MMHG
TMAN= 299.7778 K

I	X(CM)	P(N/SQ CM)
1	2.5654	.3034
2	2.8194	.3299
3	3.0734	.4259
4	3.3274	.6265
5	3.5814	.7596
6	3.8354	.9384
7	4.0894	1.1499
8	4.3434	1.3488
9	4.5974	1.4377
10	4.8514	1.3790
11	5.3594	1.0535



ID NO. 32408 -001

ID NO. 32406-002

STATION X= 2.57 CM PTO= 36.860 N/SQ CM TTO=303.56K
R= 1.181 CM PWALL= .3034 N/SQ CM CF= .00208 PT = .774
UE= 637.3 M/SEC RHOE=.00324 KG/CUB M RE= 9.477E6 /M
DELTA= .292 CM DELTA*= .1191 CM THETA= .0207 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.008231	.000000	1.000000	.333586	.000000
2	.012700	.022455	.616286	1.000000	.446633	1.301701
3	.025400	.030020	.700202	1.000000	.495473	1.557710
4	.038100	.034390	.737784	1.000000	.523474	1.687057
5	.050800	.037491	.760923	1.000000	.543173	1.772405
6	.063500	.039793	.776609	1.000000	.557770	1.833088
7	.076200	.042566	.794041	1.000000	.575322	1.903494
8	.088900	.045009	.808244	1.000000	.590774	1.963387
9	.101600	.047594	.822221	1.000000	.607102	2.024754
10	.114300	.050554	.837060	1.000000	.625790	2.092783
11	.127000	.053420	.850529	1.000000	.644092	2.157328
12	.139700	.056897	.865447	1.000000	.666031	2.232240
13	.152400	.060327	.878999	1.000000	.687661	2.303714
14	.165100	.063852	.891861	1.000000	.709873	2.374875
15	.177800	.067940	.905596	1.000000	.735629	2.454805
16	.190500	.072216	.918768	1.000000	.762558	2.535684
17	.203200	.076163	.929974	1.000000	.787407	2.608095
18	.215900	.080439	.941202	1.000000	.814321	2.684316
19	.228600	.084903	.952132	1.000000	.842688	2.762381
20	.241300	.089413	.962247	1.000000	.871085	2.838375
21	.254000	.094253	.972284	1.000000	.901547	2.917697
22	.266700	.099187	.981744	1.000000	.932595	2.996386
23	.279400	.104403	.990993	1.000000	.965413	3.077372
24	.292100	.109900	1.000000	1.000000	1.000000	3.160480
25	.304800	.115022	1.007782	1.000000	1.032219	3.235977
26	.317500	.121084	1.016316	1.000000	1.070345	3.323102
27	.330200	.127286	1.024375	1.000000	1.109354	3.409941
28	.342900	.133066	1.031401	1.000000	1.146042	3.489643
29	.355600	.139127	1.038198	1.000000	1.184177	3.570601
30	.368300	.144907	1.044245	1.000000	1.220536	3.646116
31	.381000	.151015	1.050221	1.000000	1.258962	3.724260
32	.393700	.155996	1.054808	1.000000	1.290292	3.786782
33	.406400	.159849	1.058193	1.000000	1.314528	3.834447
34	.419100	.162199	1.060191	1.000000	1.329306	3.863221
35	.431800	.163984	1.061678	1.000000	1.340537	3.884947
36	.444500	.164877	1.062411	1.000000	1.346152	3.895764
37	.457200	.165488	1.062909	1.000000	1.349994	3.903149
38	.469900	.165958	1.063290	1.000000	1.352950	3.908819
39	.482600	.166428	1.063669	1.000000	1.355905	3.914481
40	.495300	.166710	1.063896	1.000000	1.357678	3.917875
41	.508000	.166710	1.063896	1.000000	1.357678	3.917875
42	.520700	.166710	1.063896	1.000000	1.357678	3.917875
43	.533400	.166710	1.063896	1.000000	1.357678	3.917875

STATION X= 2.82 CM PTO= 36.860 N/SQ CM TTO=303.56K
R= 1.181 CM PWALL= .3302 N/SQ CM CF= .00208 PI = .851
UE= 627.4 M/SEC RHOE=.00333 KG/CUB M RE= 9.008E6 /M
DELTA= .292 CM DELTA*= .1168 CM THETA= .0216 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.008959	.000000	1.000000	.354040	.000000
2	.012700	.021186	.581500	1.000000	.452984	1.182094
3	.025400	.028751	.674438	1.000000	.501349	1.442360
4	.038100	.033826	.720999	1.000000	.533029	1.589906
5	.050800	.037538	.750174	1.000000	.556248	1.689886
6	.063500	.040498	.770847	1.000000	.574585	1.764847
7	.076200	.043083	.787411	1.000000	.590565	1.827665
8	.088900	.045808	.803573	1.000000	.607393	1.891565
9	.101600	.048721	.819546	1.000000	.625361	1.957491
10	.114300	.051776	.835020	1.000000	.644179	2.024237
11	.127000	.054830	.849346	1.000000	.662982	2.088799
12	.139700	.058307	.864581	1.000000	.684606	2.160666
13	.152400	.061737	.878318	1.000000	.705710	2.228570
14	.165100	.065214	.891225	1.000000	.727093	2.295321
15	.177800	.069067	.904467	1.000000	.750775	2.367058
16	.190500	.073108	.917294	1.000000	.775603	2.440000
17	.203200	.077102	.929028	1.000000	.800133	2.509987
18	.215900	.081143	.940051	1.000000	.824945	2.578844
19	.228600	.085654	.951457	1.000000	.852634	2.653579
20	.241300	.090024	.961808	1.000000	.879738	2.724749
21	.254000	.094629	.971840	1.000000	.908008	2.797055
22	.266700	.099422	.981537	1.000000	.937427	2.870364
23	.279400	.104403	.990898	1.000000	.967995	2.944604
24	.292100	.109619	1.000000	1.000000	1.000000	3.020378
25	.304800	.114787	1.008388	1.000000	1.031712	3.093631
26	.317500	.120426	1.016897	1.000000	1.066304	3.171604
27	.330200	.126675	1.025631	1.000000	1.104638	3.255834
28	.342900	.132643	1.033359	1.000000	1.141239	3.334272
29	.355600	.138986	1.040991	1.000000	1.180143	3.415668
30	.368300	.144766	1.047539	1.000000	1.215948	3.488905
31	.381000	.150076	1.053137	1.000000	1.248523	3.554222
32	.393700	.155432	1.058469	1.000000	1.281384	3.618921
33	.406400	.159473	1.062296	1.000000	1.306173	3.666971
34	.419100	.163092	1.065591	1.000000	1.328367	3.709463
35	.431800	.165206	1.067461	1.000000	1.341338	3.734071
36	.444500	.166240	1.068362	1.000000	1.347678	3.746043
37	.457200	.166663	1.068727	1.000000	1.350272	3.750930
38	.469900	.166663	1.068727	1.000000	1.350272	3.750930
39	.482600	.166663	1.068727	1.000000	1.350272	3.750930
40	.495300	.166005	1.068158	1.000000	1.346237	3.743326
41	.508000	.165723	1.067913	1.000000	1.344508	3.740062
42	.520700	.165723	1.067913	1.000000	1.344508	3.740062
43	.533400	.165723	1.067913	1.000000	1.344508	3.740062

STATION X= 3.07 CM PTO= 36.860 N/SQ CM TTO=303.56K
R= 1.181 CM PWALL= .4259 N/SQ CM CF= .00203 PT =1.139
UE= 596.7 M/SEC RHOE=.00365 KG/CUB M RE= 8.03356 /M
DELTA= .292 CM DELTA*= .1137 CM THETA= .0246 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.011555	.000000	1.000000	.415706	.000000
2	.012700	.019306	.483178	1.000000	.481370	.888698
3	.025400	.026355	.599163	1.000000	.526050	1.152036
4	.038100	.032275	.665650	1.000000	.560927	1.321621
5	.050800	.037397	.711704	1.000000	.593457	1.449777
6	.063500	.041391	.742413	1.000000	.613180	1.541158
7	.076200	.044915	.766652	1.000000	.633140	1.617169
8	.088900	.048251	.787769	1.000000	.652191	1.686529
9	.101600	.051494	.806433	1.000000	.670479	1.750524
10	.114300	.054642	.823205	1.000000	.688206	1.810401
11	.127000	.057931	.839478	1.000000	.706701	1.870832
12	.139700	.061220	.854618	1.000000	.725176	1.929306
13	.152400	.064415	.868357	1.000000	.743106	1.984409
14	.165100	.067893	.882339	1.000000	.762603	2.042641
15	.177800	.071276	.895238	1.000000	.781818	2.098450
16	.190500	.074988	.908316	1.000000	.802621	2.157245
17	.203200	.078324	.919351	1.000000	.821308	2.208726
18	.215900	.082318	.931755	1.000000	.843670	2.268796
19	.228600	.086359	.943495	1.000000	.866285	2.327970
20	.241300	.090729	.955365	1.000000	.890732	2.390290
21	.254000	.095052	.966349	1.000000	.914908	2.450361
22	.266700	.099939	.977946	1.000000	.942229	2.516521
23	.279400	.104873	.988862	1.000000	.969805	2.581580
24	.292100	.110276	1.000000	1.000000	1.000000	2.650986
25	.304800	.115586	1.010307	1.000000	1.029997	2.718185
26	.317500	.121037	1.020080	1.000000	1.060460	2.784767
27	.330200	.127239	1.030435	1.000000	1.095119	2.858634
28	.342900	.133066	1.039495	1.000000	1.127672	2.926316
29	.355600	.138892	1.047974	1.000000	1.160220	2.992459
30	.368300	.144390	1.055491	1.000000	1.190927	3.053547
31	.381000	.149982	1.062698	1.000000	1.222157	3.114445
32	.393700	.154446	1.068159	1.000000	1.247085	3.162215
33	.406400	.158393	1.072787	1.000000	1.269126	3.203858
34	.419100	.161729	1.076560	1.000000	1.287755	3.238637
35	.431800	.180712	1.095899	1.000000	1.393742	3.429802
36	.444500	.278671	1.159807	1.000000	1.942225	4.284922
37	.457200	.279482	1.160084	1.000000	1.945635	4.289705
38	.469900	.279905	1.160274	1.000000	1.947996	4.293013
39	.482600	.279905	1.160274	1.000000	1.947996	4.293013
40	.495300	.279482	1.160084	1.000000	1.945635	4.289705
41	.508000	.279247	1.159977	1.000000	1.944323	4.287866
42	.520700	.278495	1.159636	1.000000	1.940126	4.281975
43	.533400	.277556	1.159207	1.000000	1.934880	4.274601

STATION X= 3.33 CM PTO= 36.860 N/SQ CM TTO=303.56K
R= 1.181 CM PWALL= .6265 N/SQ CM CF= .00091 PI =3.566
UE= 585.1 M/SEC RHOE=.00510 KG/CUB M RE= 10.448E6 /M
DELTA= .314 CM DELTA*= .1581 CM THETA= .0326 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.016997	.000000	1.000000	.438216	.000000
2	.012700	.018508	.206829	1.000000	.449006	.350884
3	.025400	.020810	.316251	1.000000	.464303	.545580
4	.038100	.023347	.392864	1.000000	.479819	.688980
5	.050800	.026872	.467275	1.000000	.499484	.836103
6	.063500	.031007	.530021	1.000000	.520333	.957966
7	.076200	.035564	.580483	1.000000	.540539	1.080511
8	.088900	.041156	.631436	1.000000	.564704	1.201340
9	.101600	.046560	.672564	1.000000	.587514	1.305176
10	.114300	.052057	.708243	1.000000	.610154	1.400645
11	.127000	.057696	.740628	1.000000	.633402	1.492333
12	.139700	.063053	.767784	1.000000	.655195	1.573440
13	.152400	.068691	.793484	1.000000	.678046	1.654222
14	.165100	.073531	.813788	1.000000	.697843	1.721140
15	.177800	.078559	.832978	1.000000	.718145	1.787169
16	.190500	.083493	.850369	1.000000	.738037	1.849577
17	.203200	.087487	.863522	1.000000	.754121	1.898541
18	.215900	.091293	.875362	1.000000	.769436	1.944016
19	.228600	.094629	.885229	1.000000	.782851	1.982994
20	.241300	.097918	.894526	1.000000	.796070	2.020666
21	.254000	.101302	.903672	1.000000	.809660	2.058678
22	.266700	.104732	.912716	1.000000	.823705	2.097236
23	.279400	.108585	.922233	1.000000	.839181	2.138921
24	.292100	.113002	.932604	1.000000	.856915	2.185708
25	.304800	.121789	.951696	1.000000	.892173	2.275877
26	.317500	.161118	1.018324	1.000000	1.049774	2.641557
27	.330200	.215719	1.079456	1.000000	1.268738	3.078341
28	.342900	.231883	1.093184	1.000000	1.333428	3.195982
29	.355600	.247624	1.105188	1.000000	1.396417	3.306508
30	.368300	.261345	1.114706	1.000000	1.451314	3.399906
31	.381000	.269192	1.119868	1.000000	1.483146	3.452907
32	.393700	.273562	1.122602	1.000000	1.500637	3.481686
33	.406400	.275864	1.124014	1.000000	1.509852	3.496753
34	.419100	.277039	1.124727	1.000000	1.514554	3.504415
35	.431800	.278261	1.125464	1.000000	1.519444	3.512366
36	.444500	.278777	1.125774	1.000000	1.521512	3.515725
37	.457200	.279482	1.126195	1.000000	1.524333	3.520299
38	.469900	.279764	1.126363	1.000000	1.525462	3.522127
39	.482600	.280140	1.126587	1.000000	1.526966	3.524563
40	.495300	.280563	1.126838	1.000000	1.528659	3.527302
41	.508000	.280563	1.126838	1.000000	1.528659	3.527302
42	.520700	.280798	1.126977	1.000000	1.529599	3.528823
43	.533400	.280798	1.126977	1.000000	1.529599	3.528823

ID NO. 32406-006

STATION X= 3.58 CM PTO= 36.860 N/SQ CM TTO=303.56K
R= 1.181 CM PWALL= .7596 N/SQ CM CF= .00007 PI =*.136
UE= 639.5 M/SEC RHOE=.00823 KG/CUB M RE= 24.482E6 /M
DELTA= .309 CM DELTA*= .1942 CM THETA= .0219 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.020607	.000000	1.000000	.329005	.000000
2	.012700	.020058	.000000	1.000000	.329005	.000000
3	.025400	.020857	.071659	1.000000	.330143	.131482
4	.038100	.021515	.135107	1.000000	.333085	.249000
5	.050800	.022502	.192339	1.000000	.337380	.356755
6	.063500	.024193	.258424	1.000000	.344440	.484321
7	.076200	.026308	.316951	1.000000	.352786	.601160
8	.088900	.028751	.367808	1.000000	.361852	.706529
9	.101600	.032463	.426015	1.000000	.374627	.832660
10	.114300	.036692	.475910	1.000000	.387966	.946596
11	.127000	.042519	.526495	1.000000	.404182	1.068873
12	.139700	.049003	.572251	1.000000	.421657	1.186612
13	.152400	.057179	.619215	1.000000	.442972	1.316050
14	.165100	.067282	.666651	1.000000	.468806	1.457601
15	.177800	.079029	.711718	1.000000	.498408	1.604512
16	.190500	.092891	.755580	1.000000	.533296	1.762006
17	.203200	.110464	.800471	1.000000	.577144	1.941916
18	.215900	.129025	.839021	1.000000	.623530	2.115654
19	.228600	.151109	.876115	1.000000	.678419	2.304375
20	.241300	.176953	.911051	1.000000	.742567	2.506996
21	.254000	.202327	.939040	1.000000	.805754	2.691710
22	.266700	.230285	.964372	1.000000	.875094	2.880812
23	.279400	.256082	.983958	1.000000	.939048	3.044833
24	.292100	.274314	.996066	1.000000	.984236	3.155589
25	.304800	.281221	1.000331	1.000000	1.001354	3.196544
26	.317500	.278026	.998379	1.000000	.993435	3.177665
27	.330200	.273421	.995502	1.000000	.982023	3.150257
28	.342900	.271259	.994125	1.000000	.976666	3.137308
29	.355600	.270930	.993915	1.000000	.975851	3.135333
30	.368300	.271259	.994125	1.000000	.976666	3.137308
31	.381000	.272340	.994816	1.000000	.979345	3.143789
32	.393700	.273092	.995294	1.000000	.981208	3.148290
33	.406400	.274314	.996066	1.000000	.984236	3.155589
34	.419100	.275300	.996685	1.000000	.986681	3.161472
35	.431800	.276475	.997419	1.000000	.989593	3.168462
36	.444500	.277133	.997827	1.000000	.991223	3.172370
37	.457200	.278073	.998408	1.000000	.993552	3.177943
38	.469900	.278730	.998812	1.000000	.995182	3.181639
39	.482600	.279294	.999158	1.000000	.996580	3.185175
40	.495300	.279482	.999273	1.000000	.997045	3.186286
41	.508000	.279717	.999417	1.000000	.997628	3.187674
42	.520700	.279717	.999417	1.000000	.997628	3.187674
43	.533400	.279717	.999417	1.000000	.997628	3.187674

ID NO. 32408-007

STATION X= 3.84 CM PTO= 36.860 N/SQ CM TTO=303.56K
R= 1.181 CM PWALL= .9384 N/SQ CM CF= .00031 PI =8.859
UE= 578.7 M/SEC RHOE=.00743 KG/CUB M RE= 14.669E6 /M
DELTA= .251 CM DELTA*= .1420 CM THETA= .0250 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.025459	.000000	1.000000	.450462	.000000
2	.012700	.025697	.069465	1.000000	.451659	.115299
3	.025400	.027295	.189297	1.000000	.459510	.316917
4	.038100	.029362	.269560	1.000000	.469197	.456024
5	.050800	.032040	.340143	1.000000	.481047	.582653
6	.063500	.035893	.412428	1.000000	.496910	.718029
7	.076200	.041015	.481437	1.000000	.516213	.854298
8	.088900	.047641	.546156	1.000000	.538778	.990095
9	.101600	.055958	.604522	1.000000	.563660	1.120924
10	.114300	.065261	.657827	1.000000	.591006	1.249000
11	.127000	.075787	.706980	1.000000	.621044	1.376016
12	.139700	.086547	.749292	1.000000	.651457	1.493652
13	.152400	.097073	.784674	1.000000	.680824	1.599050
14	.165100	.107457	.815494	1.000000	.709902	1.696973
15	.177800	.117982	.842979	1.000000	.739079	1.789854
16	.190500	.129072	.868796	1.000000	.769751	1.882557
17	.203200	.141383	.894339	1.000000	.803741	1.980229
18	.215900	.155338	.920018	1.000000	.842217	2.085277
19	.228600	.171596	.946511	1.000000	.887298	2.201990
20	.241300	.193869	.977545	1.000000	.948611	2.351452
21	.254000	.218867	1.006971	1.000000	1.017365	2.508479
22	.266700	.248470	1.036173	1.000000	1.098725	2.682452
23	.279400	.282818	1.064373	1.000000	1.193485	2.871621
24	.292100	.315241	1.086550	1.000000	1.282563	3.039094
25	.304800	.341460	1.102076	1.000000	1.354581	3.167681
26	.317500	.360960	1.112468	1.000000	1.408134	3.260352
27	.330200	.372332	1.118129	1.000000	1.439360	3.313079
28	.342900	.369606	1.116798	1.000000	1.431876	3.300519
29	.355600	.343434	1.103169	1.000000	1.360001	3.177363
30	.368300	.299123	1.075982	1.000000	1.238286	2.957132
31	.381000	.278261	1.060945	1.000000	1.180960	2.847514
32	.393700	.273562	1.057323	1.000000	1.168047	2.822234
33	.406400	.273186	1.057029	1.000000	1.167014	2.820201
34	.419100	.274032	1.057689	1.000000	1.169339	2.824772
35	.431800	.275206	1.058601	1.000000	1.172567	2.831108
36	.444500	.276099	1.059291	1.000000	1.175021	2.835913
37	.457200	.276663	1.059724	1.000000	1.176570	2.838944
38	.469900	.277368	1.060264	1.000000	1.178507	2.842728
39	.482600	.277979	1.060731	1.000000	1.180186	2.846003
40	.495300	.278495	1.061124	1.000000	1.181606	2.848772
41	.508000	.278495	1.061124	1.000000	1.181606	2.848772
42	.520700	.278495	1.061124	1.000000	1.181606	2.848772
43	.533400	.277979	1.060731	1.000000	1.180186	2.846003

STATION X= 4.09 CM PTO= 36.860 N/SQ CM TTO=303.56K
R= 1.181 CM PWALL= 1.1499 N/SQ CM CF= .00069 PI =4.278
UE= 592.0 M/SEC RHOE=.00965 KG/CUB M RE= 20.598E6 /M
DELTA= .292 CM DELTA*= .1375 CM THETA= .0259 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.031196	.000000	1.000000	.425006	.000000
2	.012700	.034860	.233054	1.000000	.438707	.401480
3	.025400	.038008	.308911	1.000000	.449679	.538772
4	.038100	.042331	.381111	1.000000	.463735	.675003
5	.050800	.047688	.445640	1.000000	.479794	.802844
6	.063500	.055065	.510514	1.000000	.499923	.938811
7	.076200	.064415	.568975	1.000000	.522212	1.069390
8	.088900	.075975	.626046	1.000000	.548649	1.206072
9	.101600	.088474	.675866	1.000000	.576399	1.334571
10	.114300	.102570	.722306	1.000000	.607142	1.463813
11	.127000	.116855	.761821	1.000000	.637869	1.582480
12	.139700	.129307	.791961	1.000000	.664733	1.679371
13	.152400	.141947	.816898	1.000000	.691727	1.771399
14	.165100	.154493	.842823	1.000000	.718458	1.858046
15	.177800	.167367	.864942	1.000000	.745843	1.942811
16	.190500	.181652	.887055	1.000000	.776186	2.032604
17	.203200	.195420	.906484	1.000000	.805667	2.116203
18	.215900	.210644	.925784	1.000000	.837968	2.204159
19	.228600	.225586	.942979	1.000000	.869648	2.287142
20	.241300	.240623	.958774	1.000000	.901510	2.367669
21	.254000	.254813	.972472	1.000000	.931566	2.441199
22	.266700	.267453	.983798	1.000000	.958328	2.504856
23	.279400	.278214	.992857	1.000000	.981105	2.557785
24	.292100	.287141	1.000000	1.000000	1.000000	2.600875
25	.304800	.295928	1.006724	1.000000	1.018593	2.642592
26	.317500	.304339	1.012893	1.000000	1.036389	2.681912
27	.330200	.314019	1.019803	1.000000	1.057210	2.727197
28	.342900	.322101	1.025247	1.000000	1.074316	2.763846
29	.355600	.330794	1.030880	1.000000	1.092713	2.802727
30	.368300	.339816	1.036499	1.000000	1.111804	2.842512
31	.381000	.347992	1.041401	1.000000	1.129104	2.878089
32	.393700	.355322	1.045651	1.000000	1.144612	2.909614
33	.406400	.357530	1.046905	1.000000	1.149285	2.919044
34	.419100	.337231	1.034912	1.000000	1.106335	2.831172
35	.431800	.290666	1.002732	1.000000	1.007458	2.617687
36	.444500	.270742	.986622	1.000000	.965291	2.521154
37	.457200	.266231	.982737	1.000000	.955742	2.498774
38	.469900	.265057	.981710	1.000000	.953255	2.492913
39	.482600	.263788	.980593	1.000000	.950569	2.486567
40	.495300	.262707	.979636	1.000000	.948281	2.481148
41	.508000	.261486	.978547	1.000000	.945694	2.475008
42	.520700	.259747	.976985	1.000000	.942013	2.466244
43	.533400	.257914	.975323	1.000000	.938133	2.456972

ID NO. 32408-009

STATION X= 4.34 CM PTO= 36.860 N/SQ CM TTO=303.56K
R= 1.181 CM PWALL= 1.3488 N/SQ CM CF= .00076 PT =4.223
UE= 574.0 M/SEC RHOE=.01047 KG/CUB M RE= 20.133E6 /M
DELTA= .218 CM DELTA*= .1032 CM THETA= .0210 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.036592	.000000	1.000000	.459348	.000000
2	.012700	.046607	.351471	1.000000	.492222	.598196
3	.025400	.050178	.399450	1.000000	.502715	.687064
4	.038100	.055488	.455455	1.000000	.517372	.794731
5	.050800	.062395	.511443	1.000000	.535009	.907510
6	.063500	.071511	.569509	1.000000	.557025	1.031125
7	.076200	.083681	.623800	1.000000	.581734	1.154199
8	.088900	.098294	.678814	1.000000	.611751	1.287987
9	.101600	.115680	.732117	1.000000	.646775	1.428336
10	.114300	.134194	.779101	1.000000	.683731	1.562823
11	.127000	.155103	.823445	1.000000	.725205	1.701133
12	.139700	.177235	.862762	1.000000	.768704	1.835034
13	.152400	.194245	.888996	1.000000	.802053	1.931410
14	.165100	.217551	.920497	1.000000	.847665	2.055928
15	.177800	.244476	.951955	1.000000	.900592	2.191563
16	.190500	.269521	.977154	1.000000	.949518	2.309870
17	.203200	.287893	.993679	1.000000	.985384	2.392887
18	.215900	.294988	.999673	1.000000	.999231	2.424177
19	.228600	.294049	.998891	1.000000	.997397	2.420056
20	.241300	.287658	.993477	1.000000	.984926	2.391844
21	.254000	.281362	.987976	1.000000	.972636	2.363714
22	.266700	.274971	.982215	1.000000	.960160	2.334812
23	.279400	.271118	.978652	1.000000	.952637	2.317209
24	.292100	.269803	.977419	1.000000	.950069	2.311167
25	.304800	.270366	.977948	1.000000	.951169	2.313758
26	.317500	.272622	.980051	1.000000	.955573	2.324094
27	.330200	.275723	.982903	1.000000	.961628	2.338231
28	.342900	.279482	.986301	1.000000	.968967	2.355250
29	.355600	.283899	.990213	1.000000	.977589	2.375090
30	.368300	.289538	.995087	1.000000	.988594	2.400177
31	.381000	.293532	.998459	1.000000	.996389	2.417787
32	.393700	.297996	1.002153	1.000000	1.005099	2.437316
33	.406400	.302460	1.005770	1.000000	1.013809	2.456688
34	.419100	.305561	1.008238	1.000000	1.019860	2.470056
35	.431800	.309743	1.011512	1.000000	1.028019	2.487968
36	.444500	.313314	1.014258	1.000000	1.034985	2.503161
37	.457200	.316556	1.016713	1.000000	1.041309	2.516874
38	.469900	.316086	1.016359	1.000000	1.040393	2.514891
39	.482600	.299734	1.003571	1.000000	1.008492	2.444879
40	.495300	.257680	.965656	1.000000	.926391	2.254722
41	.508000	.239730	.946784	1.000000	.891316	2.168405
42	.520700	.235266	.941794	1.000000	.882589	2.146389
43	.533400	.232917	.939116	1.000000	.877996	2.134709

STATION X= 4.60 CM PTO= 36.860 N/SQ CM TTO=303.56K
R= 1.181 CM PWALL= 1.4377 N/SQ CM CF= .00088 PT =3.417
UE= 587.5 M/SEC RHOE=.01182 KG/CUB M RE= 24.566E6 /M
DELTA= .219 CM DELTA*= .0984 CM THETA= .0194 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.039004	.000000	1.000000	.433690	.000000
2	.012700	.057038	.426266	1.000000	.483435	.757307
3	.025400	.062395	.470970	1.000000	.495994	.847528
4	.038100	.068457	.512031	1.000000	.509308	.933704
5	.050800	.076773	.559273	1.000000	.527048	1.037459
6	.063500	.087205	.601584	1.000000	.545487	1.135301
7	.076200	.101302	.652301	1.000000	.571369	1.259878
8	.088900	.117372	.699856	1.000000	.600161	1.385368
9	.101600	.137107	.748372	1.000000	.635134	1.523958
10	.114300	.159614	.794006	1.000000	.674508	1.666247
11	.127000	.186163	.838820	1.000000	.720974	1.819914
12	.139700	.213839	.877491	1.000000	.769027	1.966237
13	.152400	.244382	.913460	1.000000	.822214	2.116431
14	.165100	.276710	.945392	1.000000	.878178	2.263735
15	.177800	.309132	.972678	1.000000	.934248	2.402273
16	.190500	.335775	.992272	1.000000	.980291	2.510328
17	.203200	.347569	1.000255	1.000000	1.000666	2.556688
18	.215900	.347898	1.000472	1.000000	1.001234	2.557968
19	.228600	.342024	.996551	1.000000	.991088	2.535000
20	.241300	.329102	.987576	1.000000	.968762	2.483713
21	.254000	.311153	.974246	1.000000	.937740	2.410639
22	.266700	.291135	.958050	1.000000	.903131	2.326408
23	.279400	.272763	.941770	1.000000	.871349	2.246277
24	.292100	.260640	.930186	1.000000	.850368	2.191772
25	.304800	.252370	.921858	1.000000	.836049	2.153784
26	.317500	.248376	.917704	1.000000	.829132	2.135191
27	.330200	.246449	.915668	1.000000	.825795	2.126163
28	.342900	.246026	.915218	1.000000	.825063	2.124176
29	.355600	.246778	.916017	1.000000	.826365	2.127707
30	.368300	.247953	.917259	1.000000	.828400	2.133213
31	.381000	.249363	.918738	1.000000	.830841	2.139800
32	.393700	.251195	.920645	1.000000	.834015	2.148333
33	.406400	.252887	.922389	1.000000	.836944	2.156178
34	.419100	.255001	.924547	1.000000	.840605	2.165945
35	.431800	.256458	.926019	1.000000	.843128	2.172647
36	.444500	.259324	.928885	1.000000	.848090	2.185773
37	.457200	.261580	.931109	1.000000	.851994	2.196046
38	.469900	.263365	.932852	1.000000	.855085	2.204145
39	.482600	.265574	.934986	1.000000	.858908	2.214119
40	.495300	.267453	.936784	1.000000	.862161	2.222572
41	.508000	.269239	.938475	1.000000	.865251	2.230572
42	.520700	.270554	.939712	1.000000	.867528	2.236448
43	.533400	.271729	.940809	1.000000	.869560	2.241682

ID NO. 32408-011

STATION X= 4.85 CM PTO= 36.860 N/SQ CM TTO=303.56K
R= 1.181 CM PWALL= 1.3790 N/SQ CM CF= .00113 PT =2.452
UE= 592.9 M/SEC RHOE=.01162 KG/CUB M RE= 24.947E6 /M
DELTA= .228 CM DELTA*= .0945 CM THETA= .0190 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.037411	.000000	1.000000	.423212	.000000
2	.012700	.066906	.515089	1.000000	.499678	.950477
3	.025400	.072638	.549015	1.000000	.512273	1.025767
4	.038100	.078982	.576101	1.000000	.523409	1.088011
5	.050800	.087440	.611177	1.000000	.539434	1.171792
6	.063500	.097636	.647916	1.000000	.558425	1.263907
7	.076200	.110981	.688995	1.000000	.582784	1.373043
8	.088900	.126722	.730287	1.000000	.611236	1.490432
9	.101600	.144484	.769719	1.000000	.642913	1.611100
10	.114300	.167320	.812702	1.000000	.683658	1.754141
11	.127000	.190157	.848743	1.000000	.724056	1.885283
12	.139700	.219290	.887434	1.000000	.775459	2.039998
13	.152400	.248846	.920524	1.000000	.827798	2.186310
14	.165100	.278449	.948609	1.000000	.879910	2.322846
15	.177800	.307393	.972352	1.000000	.930820	2.448896
16	.190500	.329995	.988806	1.000000	.970552	2.542931
17	.203200	.344092	.998275	1.000000	.995325	2.599841
18	.215900	.347804	1.000676	1.000000	1.001847	2.614620
19	.228600	.346629	.999920	1.000000	.999783	2.609952
20	.241300	.343152	.997661	1.000000	.993673	2.596086
21	.254000	.337983	.994242	1.000000	.984590	2.575336
22	.266700	.332109	.990263	1.000000	.974268	2.551549
23	.279400	.325531	.985685	1.000000	.962706	2.524639
24	.292100	.318859	.980906	1.000000	.950977	2.497045
25	.304800	.309508	.973963	1.000000	.934538	2.457848
26	.317500	.295035	.962613	1.000000	.909088	2.395901
27	.330200	.271682	.942561	1.000000	.868003	2.292366
28	.342900	.246214	.917809	1.000000	.823164	2.173751
29	.355600	.230614	.900877	1.000000	.795674	2.097719
30	.368300	.224083	.893160	1.000000	.783905	2.064311
31	.381000	.221874	.890542	1.000000	.780014	2.053144
32	.393700	.220418	.888796	1.000000	.777447	2.045745
33	.406400	.220230	.888570	1.000000	.777115	2.044788
34	.419100	.220653	.889079	1.000000	.777861	2.046940
35	.431800	.221263	.889811	1.000000	.778937	2.050045
36	.444500	.222391	.891157	1.000000	.780925	2.055763
37	.457200	.223472	.892439	1.000000	.782829	2.061229
38	.469900	.224694	.893878	1.000000	.784982	2.067389
39	.482600	.225868	.895252	1.000000	.787051	2.073294
40	.495300	.227184	.896779	1.000000	.789369	2.079888
41	.508000	.228453	.898242	1.000000	.791604	2.086226
42	.520700	.229815	.899800	1.000000	.794005	2.093012
43	.533400	.231037	.901356	1.000000	.796420	2.099817

ID NO. 32408-012

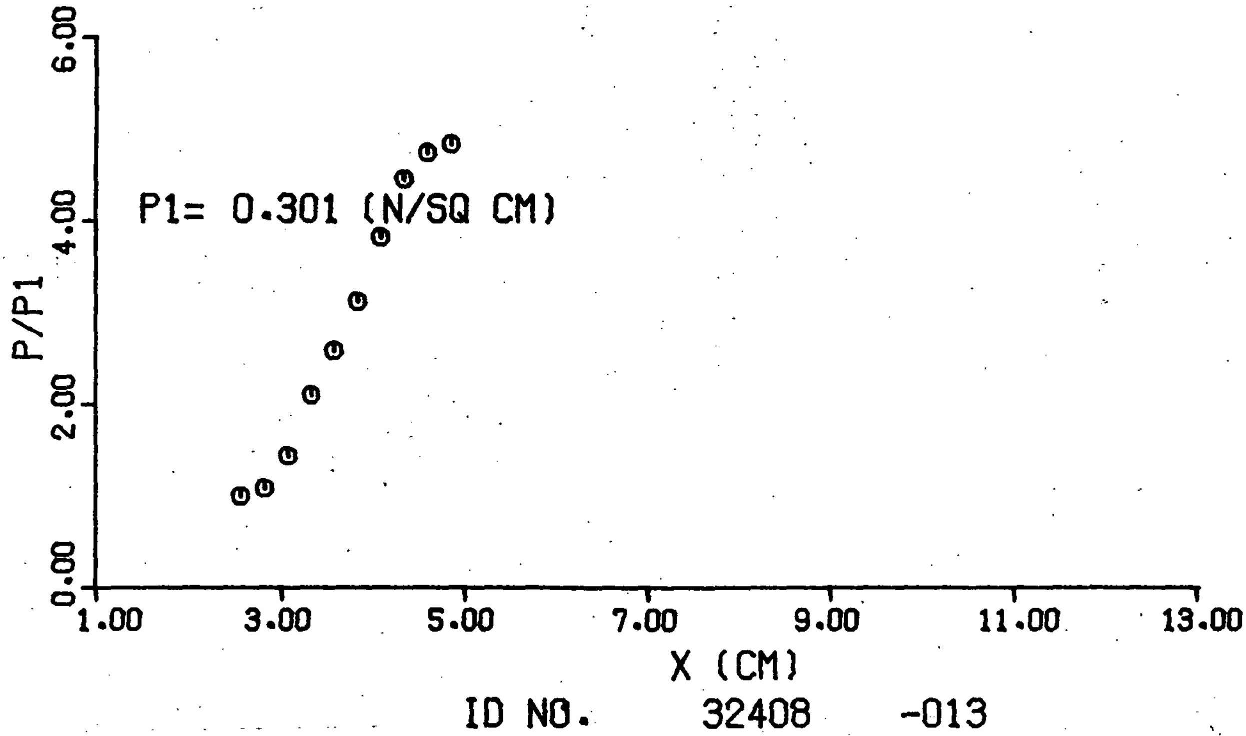
STATION X= 5.36 CM PTO= 36.860 N/SQ CM TTO=303.56K
R= 1.181 CM PWALL= 1.0535 N/SQ CM CF= .00158 PI =1.188
UE= 612.7 M/SEC RHOE=.00978 KG/CUB M RE= 23.856E6 /M
DELTA= .279 CM DELTA*= .0972 CM THETA= .0189 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.028581	.000000	1.000000	.384047	.000000
2	.012700	.077807	.640107	1.000000	.513692	1.299184
3	.025400	.086735	.673615	1.000000	.533024	1.392680
4	.038100	.092609	.693530	1.000000	.545726	1.450839
5	.050800	.098952	.713128	1.000000	.559219	1.510165
6	.063500	.105577	.732027	1.000000	.573262	1.569531
7	.076200	.114035	.754152	1.000000	.591133	1.641980
8	.088900	.123433	.776707	1.000000	.611140	1.719468
9	.101600	.133724	.798866	1.000000	.632794	1.799582
10	.114300	.146223	.823062	1.000000	.659043	1.892152
11	.127000	.161306	.848967	1.000000	.690664	1.997977
12	.139700	.178363	.874874	1.000000	.726610	2.111849
13	.152400	.196735	.899180	1.000000	.765053	2.227197
14	.165100	.216706	.922331	1.000000	.806801	2.346046
15	.177800	.238226	.944185	1.000000	.851758	2.467638
16	.190500	.258478	.962344	1.000000	.894042	2.576769
17	.203200	.278261	.978207	1.000000	.935328	2.679039
18	.215900	.293109	.989178	1.000000	.966626	2.754039
19	.228600	.302930	.995926	1.000000	.987125	2.802073
20	.241300	.308333	.999501	1.000000	.998404	2.828153
21	.254000	.310589	1.000966	1.000000	1.003111	2.838967
22	.266700	.310307	1.000784	1.000000	1.002523	2.837618
23	.279400	.309038	.999961	1.000000	.999875	2.831537
24	.292100	.307065	.998670	1.000000	.995756	2.822052
25	.304800	.304198	.996774	1.000000	.989774	2.808218
26	.317500	.301332	.994850	1.000000	.983791	2.794316
27	.330200	.298513	.992932	1.000000	.977906	2.780573
28	.342900	.295223	.990659	1.000000	.971040	2.764452
29	.355600	.292075	.988448	1.000000	.964468	2.748934
30	.368300	.288880	.986168	1.000000	.957798	2.733093
31	.381000	.285591	.983782	1.000000	.950932	2.716689
32	.393700	.282490	.981495	1.000000	.944457	2.701130
33	.406400	.279012	.978777	1.000000	.936897	2.682849
34	.419100	.275206	.975866	1.000000	.928955	2.663508
35	.431800	.271400	.972896	1.000000	.921012	2.644025
36	.444500	.267594	.969865	1.000000	.913069	2.624396
37	.457200	.262237	.965491	1.000000	.901889	2.596516
38	.469900	.254014	.958520	1.000000	.884724	2.553120
39	.482600	.232964	.939103	1.000000	.840767	2.438471
40	.495300	.204019	.907982	1.000000	.780283	2.271274
41	.508000	.190345	.891084	1.000000	.751686	2.187779
42	.520700	.187432	.887271	1.000000	.745591	2.169567
43	.533400	.187901	.887892	1.000000	.746574	2.172515

ID NO. 32408-013

PTO= 36.8368 N/SQ CM
TTO= 300.7778 K
PBAR= 756.7000 MMHG
TMAN= 300.3333 K

I	X(CM)	P(N/SQ CM)
1	2.5654	.3007
2	2.8194	.3265
3	3.0734	.4334
4	3.3274	.6326
5	3.5814	.7782
6	3.8354	.9398
7	4.0894	1.1489
8	4.3434	1.3403
9	4.5974	1.4268
10	4.8514	1.4540



ID NO. 3246F-014

STATION X= 2.57 CM PTO= 36.837 N/SQ CM TTO=300.78K
R= 1.181 CM PWALL= .3007 N/SQ CM CF= .00208 PT = .753
UE= 635.7 M/SEC RHOE=.03270 KG/CUB M RE= 9.70866 /M
DELTA= .292 CM DELTA*= .1188 CM THETA= .0205 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.008163	.000000	1.000000	.330792	.000000
2	.012700	.022910	.623416	1.000000	.447069	1.325724
3	.025400	.030480	.705289	1.000000	.495855	1.579549
4	.038100	.034712	.741008	1.000000	.522957	1.704289
5	.050800	.037763	.763484	1.000000	.542359	1.788260
6	.063500	.040356	.780792	1.000000	.558746	1.856224
7	.076200	.042799	.795911	1.000000	.574219	1.918187
8	.088900	.045336	.810484	1.000000	.590270	1.980420
9	.101600	.048065	.825002	1.000000	.607495	2.045095
10	.114300	.050836	.839082	1.000000	.625508	2.110612
11	.127000	.053990	.853260	1.000000	.645095	2.179620
12	.139700	.057234	.866957	1.000000	.665560	2.249461
13	.152400	.060760	.880694	1.000000	.687792	2.322957
14	.165100	.064334	.893536	1.000000	.710311	2.395100
15	.177800	.068001	.905719	1.000000	.733413	2.466922
16	.190500	.072092	.918256	1.000000	.759173	2.544613
17	.203200	.076512	.930706	1.000000	.786995	2.625948
18	.215900	.080555	.941320	1.000000	.812705	2.698928
19	.228600	.085069	.952172	1.000000	.841123	2.777365
20	.241300	.090006	.962105	1.000000	.872199	2.860676
21	.254000	.094706	.972711	1.000000	.901780	2.937811
22	.266700	.099680	.982476	1.000000	.934333	3.020372
23	.279400	.105005	.991417	1.000000	.965577	3.100003
24	.292100	.110310	1.000000	1.000000	1.000000	3.180443
25	.304800	.115960	1.008435	1.000000	1.035489	3.263686
26	.317500	.121696	1.016373	1.000000	1.071567	3.346186
27	.330200	.127950	1.024375	1.000000	1.110893	3.433859
28	.342900	.134156	1.031782	1.000000	1.150266	3.519449
29	.355600	.140222	1.038445	1.000000	1.188422	3.600452
30	.368300	.146193	1.044564	1.000000	1.225984	3.678453
31	.381000	.151741	1.049892	1.000000	1.260893	3.749469
32	.393700	.156443	1.054162	1.000000	1.290457	3.808613
33	.406400	.160205	1.057428	1.000000	1.314115	3.855273
34	.419100	.162556	1.059405	1.000000	1.328901	3.884150
35	.431800	.164013	1.060607	1.000000	1.338068	3.901947
36	.444500	.164766	1.061221	1.000000	1.342800	3.911100
37	.457200	.165377	1.061715	1.000000	1.346644	3.918522
38	.469900	.165706	1.061981	1.000000	1.348714	3.922512
39	.482600	.166458	1.062584	1.000000	1.353445	3.931618
40	.495300	.166599	1.062697	1.000000	1.354332	3.933323
41	.508000	.166599	1.062697	1.000000	1.354332	3.933323
42	.520700	.166599	1.062697	1.000000	1.354332	3.933323
43	.533400	.166599	1.062697	1.000000	1.354332	3.933323

ID NO. 32406-015

STATION Y= 2.82 CM PTO= 36.837 N/SQ CM TTO=300.78K
R= 1.181 CM PWALL= .3356 N/SQ CM CF= .00208 PI = .865
UE= 622.4 M/SEC RHOE=.00337 KG/CUB M RE= 9.022E6 /M
DELTA= .292 CM DELTA*= .1167 CM THETA= .0219 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.009112	.000000	1.000000	.358513	.000000
2	.012700	.021265	.579064	1.000000	.456763	1.170572
3	.025400	.028929	.673623	1.000000	.505721	1.432843
4	.038100	.034101	.721004	1.000000	.537883	1.581642
5	.050800	.037674	.748836	1.000000	.559971	1.676198
6	.063500	.040354	.767960	1.000000	.576689	1.744360
7	.076200	.043128	.785905	1.000000	.593774	1.811373
8	.088900	.046043	.803263	1.000000	.611701	1.879118
9	.101600	.048919	.818530	1.000000	.628739	1.941316
10	.114300	.051686	.833183	1.000000	.646338	2.003534
11	.127000	.054742	.847676	1.000000	.665074	2.067719
12	.139700	.058080	.862495	1.000000	.685757	2.136330
13	.152400	.061560	.876624	1.000000	.707074	2.204815
14	.165100	.065133	.890053	1.000000	.728956	2.272967
15	.177800	.068847	.902985	1.000000	.751690	2.341675
16	.190500	.072797	.915717	1.000000	.775853	2.412557
17	.203200	.076794	.927652	1.000000	.800294	2.482197
18	.215900	.080790	.938737	1.000000	.824728	2.549916
19	.228600	.085163	.949999	1.000000	.851454	2.621985
20	.241300	.089489	.960450	1.000000	.878169	2.692096
21	.254000	.094191	.970894	1.000000	.905911	2.765543
22	.266700	.098986	.980779	1.000000	.936222	2.838483
23	.279400	.104159	.990567	1.000000	.967826	2.915096
24	.292100	.109425	1.000000	1.000000	1.000000	2.991670
25	.304800	.114879	1.008970	1.000000	1.033318	3.067763
26	.317500	.120769	1.017860	1.000000	1.068930	3.147671
27	.330200	.125680	1.026299	1.000000	1.105399	3.227452
28	.342900	.132746	1.034254	1.000000	1.142439	3.306511
29	.355600	.138623	1.041432	1.000000	1.178326	3.381350
30	.368300	.144061	1.048101	1.000000	1.213996	3.454127
31	.381000	.149609	1.054000	1.000000	1.247598	3.521311
32	.393700	.155033	1.059189	1.000000	1.279901	3.582764
33	.406400	.159217	1.063222	1.000000	1.304450	3.632168
34	.419100	.162462	1.066233	1.000000	1.324274	3.670011
35	.431800	.164719	1.068269	1.000000	1.338057	3.695108
36	.444500	.166062	1.069473	1.000000	1.346385	3.711765
37	.457200	.166599	1.069932	1.000000	1.349543	3.717715
38	.469900	.166599	1.069932	1.000000	1.349543	3.717715
39	.482600	.166599	1.069932	1.000000	1.349543	3.717715
40	.495300	.165753	1.069188	1.000000	1.344375	3.708007
41	.508000	.165510	1.068980	1.000000	1.342939	3.705306
42	.520700	.165283	1.068771	1.000000	1.341502	3.702603
43	.533400	.165283	1.068771	1.000000	1.341502	3.702603

ID NO. 32408-016

STATION X= 3.07 CM PTO= 36.837 N/SQ CM TTO=300.78K
R= 1.181 CM PWALL= .4334 N/SQ CM CF= .00159 PI =1.299
UE= 629.1 M/SEC RHOE=.00453 KG/CUB M RE= 12.731E6 /M
DELTA= .424 CM DELTA*= .1657 CM THETA= .0295 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.011765	.000000	1.000000	.344592	.000000
2	.012700	.019807	.459325	1.000000	.399888	.895731
3	.025400	.025261	.545949	1.000000	.428251	1.101765
4	.038100	.031186	.612506	1.000000	.456949	1.276828
5	.050800	.036217	.657185	1.000000	.480646	1.405040
6	.063500	.040542	.689985	1.000000	.500890	1.505896
7	.076200	.044351	.715325	1.000000	.518468	1.588374
8	.088900	.047830	.736254	1.000000	.534481	1.659903
9	.101600	.051074	.754362	1.000000	.549560	1.724550
10	.114300	.054507	.771821	1.000000	.565304	1.789558
11	.127000	.057986	.788166	1.000000	.581240	1.853034
12	.139700	.061372	.802919	1.000000	.596725	1.912701
13	.152400	.064616	.816112	1.000000	.611550	1.968131
14	.165100	.068001	.828995	1.000000	.627007	2.024305
15	.177800	.071575	.841715	1.000000	.643312	2.081921
16	.190500	.075007	.853325	1.000000	.659185	2.136520
17	.203200	.078969	.865526	1.000000	.676984	2.196129
18	.215900	.082859	.877072	1.000000	.694989	2.254823
19	.228600	.086903	.888141	1.000000	.713414	2.313348
20	.241300	.090993	.898639	1.000000	.732047	2.371063
21	.254000	.095695	.909923	1.000000	.753456	2.435690
22	.266700	.100256	.920148	1.000000	.774217	2.496762
23	.279400	.105428	.930971	1.000000	.797753	2.564241
24	.292100	.110412	.940703	1.000000	.820428	2.627611
25	.304800	.115772	.950588	1.000000	.845091	2.694618
26	.317500	.121414	.960188	1.000000	.870754	2.763073
27	.330200	.127433	.969726	1.000000	.898135	2.834054
28	.342900	.133686	.978948	1.000000	.926580	2.905960
29	.355600	.139281	.986665	1.000000	.952028	2.968811
30	.368300	.145112	.994218	1.000000	.978541	3.032911
31	.381000	.150601	1.001154	1.000000	1.004411	3.094174
32	.393700	.155221	1.006268	1.000000	1.024506	3.140938
33	.406400	.158982	1.010446	1.000000	1.041607	3.180193
34	.419100	.161897	1.013579	1.000000	1.054860	3.210284
35	.431800	.164013	1.015799	1.000000	1.064478	3.231945
36	.444500	.273802	1.090676	1.000000	1.563887	4.206170
37	.457200	.279867	1.093343	1.000000	1.591453	4.253452
38	.469900	.279726	1.093282	1.000000	1.590812	4.252358
39	.482600	.279579	1.093261	1.000000	1.590599	4.251994
40	.495300	.279491	1.093180	1.000000	1.589744	4.250535
41	.508000	.279350	1.093119	1.000000	1.589103	4.249441
42	.520700	.278457	1.092731	1.000000	1.585043	4.242503
43	.533400	.277516	1.092321	1.000000	1.580769	4.235188

ID NO. 32408-917

STATION X= 3.33 CM PTO= 36.837 N/SQ CM TTO=300.78K
R= 1.181 CM PWALL= .6325 N/SQ CM CF= .00080 PT =3.933
UE= 588.3 M/SEC RHOE=.00533 KG/CUB M RE= 11.36756 /M
DELTA= .320 CM DELTA*= .1668 CM THETA= .0331 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.017174	.000000	1.000000	.426900	.000000
2	.012700	.018396	.184255	1.000000	.435370	.314984
3	.025400	.020465	.291996	1.000000	.448831	.506823
4	.038100	.022675	.364937	1.000000	.462175	.642774
5	.050800	.026155	.444514	1.000000	.481415	.799066
6	.063500	.030657	.507810	1.000000	.500930	.931166
7	.076200	.034524	.561527	1.000000	.521058	1.050150
8	.088900	.039884	.611015	1.000000	.543102	1.166621
9	.101600	.045291	.653376	1.000000	.565173	1.272598
10	.114300	.050933	.691125	1.000000	.587808	1.372616
11	.127000	.056965	.725875	1.000000	.611572	1.470696
12	.139700	.062641	.755089	1.000000	.634096	1.557806
13	.152400	.068283	.780805	1.000000	.656157	1.638642
14	.165100	.073737	.803527	1.000000	.677646	1.713719
15	.177800	.078862	.822863	1.000000	.697602	1.780612
16	.190500	.083985	.840687	1.000000	.717529	1.844978
17	.203200	.088467	.854988	1.000000	.734689	1.898669
18	.215900	.092075	.866179	1.000000	.748918	1.942059
19	.228600	.095863	.877210	1.000000	.763683	1.986084
20	.241300	.099128	.886167	1.000000	.776254	2.022810
21	.254000	.102419	.894872	1.000000	.789000	2.059383
22	.266700	.105475	.902632	1.000000	.800832	2.092757
23	.279400	.109001	.911392	1.000000	.814753	2.131356
24	.292100	.113139	.921013	1.000000	.830771	2.174922
25	.304800	.119157	.934191	1.000000	.854059	2.236750
26	.317500	.140504	.974455	1.000000	.935584	2.443277
27	.330200	.206095	1.057840	1.000000	1.190175	2.989948
28	.342900	.230498	1.079313	1.000000	1.284348	3.169029
29	.355600	.246578	1.091623	1.000000	1.346389	3.281676
30	.368300	.259320	1.100512	1.000000	1.395545	3.368252
31	.381000	.267925	1.106132	1.000000	1.428736	3.425473
32	.393700	.272626	1.109151	1.000000	1.447300	3.457065
33	.406400	.275353	1.110825	1.000000	1.457824	3.474847
34	.419100	.276999	1.111822	1.000000	1.464175	3.485533
35	.431800	.277798	1.112303	1.000000	1.467259	3.490711
36	.444500	.278269	1.112584	1.000000	1.469074	3.493754
37	.457200	.278739	1.112865	1.000000	1.470888	3.496794
38	.469900	.278974	1.113006	1.000000	1.471795	3.498313
39	.482600	.278974	1.113006	1.000000	1.471795	3.498313
40	.495300	.279209	1.113146	1.000000	1.472702	3.499831
41	.508000	.279209	1.113146	1.000000	1.472702	3.499831
42	.520700	.279397	1.113253	1.000000	1.473428	3.501045
43	.533400	.279303	1.113202	1.000000	1.473065	3.500438

ID NO. 32408-018

STATION X= 3.58 CM PT0= 36.837 N/SQ CM TT0=300.78K
R= 1.181 CM PWALL= .7782 N/SQ CM CF= .00004 PI =*.657
UE= 638.2 M/SEC RHOE=.00860 KG/CUB M RE= 26.069E6 /M
DELTA= .313 CM DELTA*= .2013 CM THETA= .0217 CM

I	Y(CM)	PT/PT0	U/UE	TT/TT0	RHO/RHOE	M
1	.000000	.021127	.000000	1.000000	.325478	.000000
2	.012700	.020136	.000000	1.000000	.325478	.000000
3	.025400	.020559	.000000	1.000000	.325478	.000000
4	.038100	.021312	.060740	1.000000	.326290	.111686
5	.050800	.022440	.159154	1.000000	.331136	.294810
6	.063500	.023898	.226489	1.000000	.337144	.423327
7	.076200	.025694	.283690	1.000000	.344161	.535730
8	.088900	.028505	.348728	1.000000	.354563	.668429
9	.101600	.031750	.403590	1.000000	.365652	.785590
10	.114300	.035887	.456370	1.000000	.378677	.904010
11	.127000	.041342	.510569	1.000000	.394919	1.032834
12	.139700	.047877	.555375	1.000000	.410984	1.146095
13	.152400	.055588	.601575	1.000000	.430586	1.270695
14	.165100	.064804	.646793	1.000000	.453426	1.401974
15	.177800	.076088	.692490	1.000000	.481094	1.546146
16	.190500	.089865	.738156	1.000000	.514615	1.704556
17	.203200	.105287	.779784	1.000000	.551800	1.864606
18	.215900	.123154	.819270	1.000000	.594743	2.033823
19	.228600	.143701	.856472	1.000000	.644246	2.212896
20	.241300	.168104	.892118	1.000000	.702726	2.407339
21	.254000	.192930	.921640	1.000000	.762160	2.590039
22	.266700	.220906	.949064	1.000000	.829365	2.782212
23	.279400	.251938	.973925	1.000000	.903613	2.980152
24	.292100	.277563	.991186	1.000000	.964904	3.134143
25	.304800	.291528	.999589	1.000000	.998298	3.214943
26	.317500	.290211	.998824	1.000000	.995150	3.207413
27	.330200	.280196	.992820	1.000000	.971201	3.149537
28	.342900	.273050	.988327	1.000000	.954109	3.107574
29	.355600	.270558	.986718	1.000000	.948149	3.092808
30	.368300	.270228	.986503	1.000000	.947362	3.090853
31	.381000	.270934	.986962	1.000000	.949048	3.095042
32	.393700	.271827	.987541	1.000000	.951185	3.100339
33	.406400	.273332	.988508	1.000000	.954783	3.109242
34	.419100	.274601	.989318	1.000000	.957820	3.116733
35	.431800	.275306	.989766	1.000000	.959506	3.120887
36	.444500	.276623	.990596	1.000000	.962655	3.128627
37	.457200	.277328	.991039	1.000000	.964342	3.132765
38	.469900	.277987	.991450	1.000000	.965916	3.136622
39	.482600	.278974	.992064	1.000000	.968277	3.142399
40	.495300	.279444	.992355	1.000000	.969402	3.145147
41	.508000	.279679	.992501	1.000000	.969964	3.146519
42	.520700	.279679	.992501	1.000000	.969964	3.146519
43	.533400	.280149	.992791	1.000000	.971088	3.149263

ID NO. 3240P-019

STATION X= 2.64 CM PTO= 36.837 N/SQ CM TTO=300.78K
R= 0.181 CM PWALL= .9398 N/SQ CM CF= .00027 PI =9.557
UE= 595.5 M/SEC RHOE=.00782 KG/CUB M RE= 15.404E6 /M
DELTA= .261 CM DELTA*= .1913 CM THETA= .0254 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.025512	.000000	1.000000	.432226	.000000
2	.012700	.025637	.049575	1.000000	.432830	.083587
3	.025400	.025954	.165659	1.000000	.439067	.281318
4	.038100	.026976	.250810	1.000000	.448235	.430344
5	.050800	.031750	.326645	1.000000	.460090	.567830
6	.063500	.035182	.393090	1.000000	.473793	.693431
7	.076200	.039743	.457727	1.000000	.490584	.821639
8	.088900	.045996	.522464	1.000000	.511501	.957628
9	.101600	.054225	.562867	1.000000	.525525	1.093141
10	.114300	.063205	.635661	1.000000	.560908	1.220081
11	.127000	.073690	.686980	1.000000	.589809	1.350157
12	.139700	.084975	.730877	1.000000	.620385	1.475341
13	.152400	.095637	.764981	1.000000	.647296	1.577317
14	.165100	.105899	.797395	1.000000	.676423	1.680737
15	.177800	.116054	.824009	1.000000	.703394	1.771122
16	.190500	.127104	.849844	1.000000	.732668	1.864275
17	.203200	.138952	.874556	1.000000	.764003	1.959082
18	.215900	.152118	.899009	1.000000	.798768	2.059167
19	.228600	.167728	.924794	1.000000	.840220	2.172506
20	.241300	.187570	.953074	1.000000	.892544	2.307590
21	.254000	.211972	.982674	1.000000	.956825	2.463446
22	.266700	.241124	1.012282	1.000000	1.033555	2.637457
23	.279400	.275259	1.041066	1.000000	1.123727	2.828303
24	.292100	.307792	1.063787	1.000000	1.209082	2.997780
25	.304800	.332998	1.079112	1.000000	1.275616	3.123516
26	.317500	.353169	1.090096	1.000000	1.328662	3.220245
27	.330200	.367651	1.097393	1.000000	1.366741	3.287930
28	.342900	.374657	1.100763	1.000000	1.385162	3.320177
29	.355600	.366429	1.096795	1.000000	1.363527	3.282271
30	.368300	.333751	1.079540	1.000000	1.277595	3.127173
31	.381000	.291951	1.053233	1.000000	1.167646	2.916735
32	.393700	.276670	1.042137	1.000000	1.127439	2.835684
33	.406400	.273520	1.039734	1.000000	1.119149	2.818925
34	.419100	.273614	1.039807	1.000000	1.119397	2.819433
35	.431800	.274460	1.040456	1.000000	1.121624	2.823998
36	.444500	.275449	1.041209	1.000000	1.124222	2.829315
37	.457200	.276153	1.041745	1.000000	1.126078	2.833106
38	.469900	.276831	1.042243	1.000000	1.127810	2.836640
39	.482600	.277657	1.042881	1.000000	1.130037	2.841178
40	.495300	.277657	1.042881	1.000000	1.130037	2.841179
41	.508000	.277987	1.043129	1.000000	1.130903	2.842940
42	.520700	.277987	1.043129	1.000000	1.130903	2.842940
43	.533400	.277328	1.042633	1.000000	1.129171	2.839414

ID NO. 32408-020

STATION X= 4.09 CM PT0= 36.537 N/SQ CM TT0=300.78K
R= 1.181 CM PWALL= 1.1489 N/SQ CM CF= .00070 PT =4.201
UE= 588.9 M/SEC RHOE=.00971 KG/CUB M RE= 20.7905E6 /M
DELTA= .292 CM DELTA*= .1363 CM THETA= .0258 CM

I	Y(CM)	PT/PT0	U/UE	TT/TT0	RHO/RHOE	M
1	.000000	.031188	.000000	1.000000	.425607	.000000
2	.012700	.035182	.242736	1.000000	.440516	.418564
3	.025400	.038379	.316556	1.000000	.451601	.552603
4	.038100	.042282	.380765	1.000000	.464270	.673952
5	.050800	.047736	.446498	1.000000	.480647	.804113
6	.063500	.055024	.510576	1.000000	.500560	.938368
7	.076200	.064351	.569184	1.000000	.522914	1.069184
8	.088900	.076182	.627353	1.000000	.549926	1.208507
9	.101600	.089771	.680913	1.000000	.580094	1.347180
10	.114300	.103500	.725533	1.000000	.610066	1.472077
11	.127000	.118123	.765516	1.000000	.641557	1.592785
12	.139700	.131476	.797299	1.000000	.670389	1.695781
13	.152400	.143983	.823459	1.000000	.697131	1.786011
14	.165100	.157431	.848585	1.000000	.725820	1.877996
15	.177800	.169891	.869544	1.000000	.752358	1.959245
16	.190500	.183714	.890591	1.000000	.781764	2.045508
17	.203200	.198337	.910875	1.000000	.813112	2.133629
18	.215900	.212490	.928544	1.000000	.843195	2.214674
19	.228600	.226924	.944998	1.000000	.873837	2.294727
20	.241300	.241594	.960309	1.000000	.904973	2.373086
21	.254000	.254616	.972858	1.000000	.932604	2.440523
22	.266700	.266138	.983227	1.000000	.957035	2.498634
23	.279400	.276153	.991737	1.000000	.978271	2.548066
24	.292100	.286403	1.000000	1.000000	1.000000	2.597676
25	.304800	.293174	1.005225	1.000000	1.014351	2.629927
26	.317500	.302624	1.012239	1.000000	1.034381	2.674289
27	.330200	.311041	1.018331	1.000000	1.052556	2.713917
28	.342900	.319504	1.024109	1.000000	1.070500	2.752479
29	.355600	.328673	1.030117	1.000000	1.089936	2.793650
30	.368300	.337136	1.035446	1.000000	1.107876	2.831118
31	.381000	.345834	1.040719	1.000000	1.126312	2.869114
32	.393700	.353969	1.045473	1.000000	1.143551	2.904193
33	.406400	.358530	1.048067	1.000000	1.153216	2.923677
34	.419100	.349220	1.042718	1.000000	1.133496	2.883766
35	.431800	.306809	1.015355	1.000000	1.043584	2.694428
36	.444500	.273332	.989385	1.000000	.972289	2.534240
37	.457200	.266138	.983227	1.000000	.957035	2.498634
38	.469900	.263646	.981038	1.000000	.951751	2.486179
39	.482600	.262470	.979996	1.000000	.949258	2.480283
40	.495300	.261436	.979073	1.000000	.947064	2.475082
41	.508000	.259790	.977594	1.000000	.943574	2.466785
42	.520700	.258332	.976273	1.000000	.940482	2.459413
43	.533400	.256640	.974725	1.000000	.936892	2.450823

ID NO. 32408-021

STATION X= 4.34 CM PTO= 36.837 N/SQ CM TTO=300.78K
R= 1.181 CM PWALL= 1.3403 N/SQ CM CF= .00070 PI =4.537
UE= 571.9 M/SEC RHOE=.01052 KG/CUB M RE= 20.378E6 /M
DELTA= .219 CM DELTA*= .1048 CM THETA= .0210 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.036385	.000000	1.000000	.458344	.000000
2	.012700	.045479	.337659	1.000000	.488513	.573677
3	.025400	.048865	.386244	1.000000	.498638	.662987
4	.038100	.053660	.440429	1.000000	.512156	.766174
5	.050800	.060102	.496625	1.000000	.529017	.878039
6	.063500	.068895	.556837	1.000000	.550861	1.004615
7	.076200	.080320	.610397	1.000000	.574232	1.124363
8	.088900	.094285	.666225	1.000000	.603416	1.257997
9	.101600	.110130	.717488	1.000000	.635564	1.390415
10	.114300	.128984	.767849	1.000000	.673398	1.531661
11	.127000	.150002	.814107	1.000000	.715039	1.673389
12	.139700	.172053	.854992	1.000000	.758793	1.810399
13	.152400	.193353	.888474	1.000000	.800707	1.932556
14	.165100	.218790	.922737	1.000000	.850659	2.068741
15	.177800	.244415	.952496	1.000000	.901218	2.198005
16	.190500	.269100	.977289	1.000000	.949606	2.314970
17	.203200	.288519	.994694	1.000000	.987646	2.402926
18	.215900	.294725	.999915	1.000000	.999800	2.430358
19	.228600	.292656	.998192	1.000000	.995749	2.421249
20	.241300	.286262	.992756	1.000000	.983226	2.392872
21	.254000	.278880	.986265	1.000000	.968767	2.359683
22	.266700	.271874	.979880	1.000000	.955042	2.327742
23	.279400	.268019	.976269	1.000000	.947487	2.309972
24	.292100	.266702	.975019	1.000000	.944907	2.303872
25	.304800	.267689	.975957	1.000000	.946842	2.308449
26	.317500	.269805	.977951	1.000000	.950988	2.318224
27	.330200	.271686	.979706	1.000000	.954673	2.326878
28	.342900	.276811	.984403	1.000000	.964714	2.350297
29	.355600	.280996	.988149	1.000000	.972911	2.369244
30	.368300	.285368	.991982	1.000000	.981476	2.388881
31	.381000	.288942	.995055	1.000000	.988475	2.404807
32	.393700	.292656	.998192	1.000000	.995749	2.421249
33	.406400	.296606	1.001467	1.000000	1.003483	2.438610
34	.419100	.301120	1.005136	1.000000	1.012321	2.458298
35	.431800	.304599	1.007912	1.000000	1.019133	2.473366
36	.444500	.307514	1.010203	1.000000	1.024839	2.485919
37	.457200	.311887	1.013582	1.000000	1.033399	2.504630
38	.469900	.314285	1.015407	1.000000	1.038093	2.514832
39	.482600	.310665	1.012644	1.000000	1.031006	2.499414
40	.495300	.286638	.993080	1.000000	.983962	2.394551
41	.508000	.249869	.958260	1.000000	.911913	2.224388
42	.520700	.235011	.942141	1.000000	.882773	2.151746
43	.533400	.231344	.937951	1.000000	.875577	2.133428

ID NO. 32406-022

STATION X= 4.60 CM PTO= 36.837 N/SQ CM TTO=300.78K
R= 1.181 CM PWALL= 1.4268 N/SQ CM CF= .00081 PI =3.688
UE= 585.4 M/SEC RHOE=.01187 KG/CUB M RE= 24.86956 /M
DELTA= .226 CM DELTA*= .1035 CM THETA= .0201 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.038734	.000000	1.000000	.432502	.000000
2	.012700	.055306	.412907	1.000000	.478831	.731841
3	.025400	.059632	.452075	1.000000	.489245	.809930
4	.038100	.064992	.492152	1.000000	.501426	.892640
5	.050800	.072515	.537626	1.000000	.517366	.990494
6	.063500	.081590	.579710	1.000000	.534425	1.085494
7	.076200	.093908	.628670	1.000000	.557556	1.202377
8	.088900	.109660	.679751	1.000000	.586220	1.333071
9	.101600	.128326	.729406	1.000000	.619566	1.470572
10	.114300	.148309	.773414	1.000000	.654770	1.602986
11	.127000	.172006	.817265	1.000000	.696511	1.747029
12	.139700	.198431	.857848	1.000000	.742650	1.893545
13	.152400	.226736	.894303	1.000000	.791943	2.038473
14	.165100	.258239	.928618	1.000000	.846999	2.189030
15	.177800	.292938	.960271	1.000000	.907286	2.342822
16	.190500	.324253	.984684	1.000000	.961645	2.473303
17	.203200	.343201	.997898	1.000000	.994521	2.548979
18	.215900	.348750	1.001572	1.000000	1.004145	2.570712
19	.228600	.345270	.999278	1.000000	.998109	2.557105
20	.241300	.336149	.993104	1.000000	.982285	2.521080
21	.254000	.321714	.982830	1.000000	.957238	2.462984
22	.266700	.301590	.967368	1.000000	.922308	2.379595
23	.279400	.280620	.949649	1.000000	.885891	2.289425
24	.292100	.264633	.934872	1.000000	.858114	2.218186
25	.304800	.254054	.924411	1.000000	.839724	2.169734
26	.317500	.247801	.917948	1.000000	.828849	2.140567
27	.330200	.244885	.914860	1.000000	.823779	2.126832
28	.342900	.243804	.913702	1.000000	.821898	2.121713
29	.355600	.244180	.914106	1.000000	.822552	2.123495
30	.368300	.245026	.915010	1.000000	.824024	2.127498
31	.381000	.246296	.916360	1.000000	.826232	2.133489
32	.393700	.248036	.918195	1.000000	.829258	2.141671
33	.406400	.250151	.920403	1.000000	.832938	2.151579
34	.419100	.252267	.922586	1.000000	.836617	2.161441
35	.431800	.254148	.924507	1.000000	.839887	2.170169
36	.444500	.256640	.927022	1.000000	.844220	2.181679
37	.457200	.258662	.929038	1.000000	.847735	2.190971
38	.469900	.261154	.931495	1.000000	.852067	2.202370
39	.482600	.262847	.933145	1.000000	.855009	2.210079
40	.495300	.265197	.935414	1.000000	.859095	2.220740
41	.508000	.266890	.937031	1.000000	.862036	2.228384
42	.520700	.268818	.938856	1.000000	.865387	2.237057
43	.533400	.269805	.939783	1.000000	.867102	2.241486

STATION X= 4.85 CM PTO= 36.837 N/SQ CM TTO=300.78K
R= 1.181 CM PWALL= 1.3685 N/SQ CM CF= .00110 PI =2.513
UE= 590.6 M/SEC RHOE=.01166 KG/CUB M RE= 25.220E6 /M
DELTA= .232 CM DELTA*= .0966 CM THETA= .0193 CM

I	Y(CM)	PT/PTO	U/UE	TT/TTO	RHO/RHOE	M
1	.000000	.037149	.000000	1.000000	.422289	.000000
2	.012700	.066167	.513014	1.000000	.498008	.946852
3	.025400	.070963	.542530	1.000000	.508808	1.012130
4	.038100	.077499	.571136	1.000000	.520347	1.077511
5	.050800	.085022	.603717	1.000000	.534923	1.154819
6	.063500	.095131	.641257	1.000000	.553866	1.248159
7	.076200	.107544	.680761	1.000000	.576687	1.352072
8	.088900	.122872	.722423	1.000000	.604569	1.469094
9	.101600	.140786	.763494	1.000000	.636707	1.593348
10	.114300	.161051	.803100	1.000000	.673085	1.723217
11	.127000	.185689	.843417	1.000000	.716906	1.867706
12	.139700	.212395	.880082	1.000000	.764273	2.012253
13	.152400	.240466	.912819	1.000000	.814241	2.154251
14	.165100	.270511	.942473	1.000000	.867399	2.295692
15	.177800	.299051	.966734	1.000000	.917849	2.422301
16	.190500	.323877	.985340	1.000000	.961707	2.527217
17	.203200	.340803	.996898	1.000000	.991598	2.596295
18	.215900	.346446	1.000569	1.000000	1.001561	2.618913
19	.228600	.346117	1.000358	1.000000	1.000979	2.617599
20	.241300	.342919	.998285	1.000000	.995334	2.604800
21	.254000	.337935	.994999	1.000000	.986534	2.584722
22	.266700	.331635	.990743	1.000000	.975408	2.559112
23	.279400	.325522	.986501	1.000000	.964613	2.534016
24	.292100	.318282	.981327	1.000000	.951824	2.503959
25	.304800	.309912	.975133	1.000000	.937039	2.468756
26	.317500	.297311	.965349	1.000000	.914775	2.414776
27	.330200	.276388	.947751	1.000000	.877791	2.322337
28	.342900	.251891	.924659	1.000000	.834463	2.209125
29	.355600	.234024	.905806	1.000000	.802836	2.122677
30	.368300	.225655	.896133	1.000000	.787754	2.080190
31	.381000	.222222	.892099	1.000000	.781677	2.062823
32	.393700	.220718	.890304	1.000000	.779013	2.055163
33	.406400	.220295	.889797	1.000000	.778264	2.053003
34	.419100	.220624	.890192	1.000000	.778847	2.054683
35	.431800	.221376	.891091	1.000000	.780179	2.058518
36	.444500	.222269	.892155	1.000000	.781761	2.063062
37	.457200	.223022	.893045	1.000000	.783093	2.066881
38	.469900	.224479	.894760	1.000000	.785673	2.074259
39	.482600	.225561	.896023	1.000000	.787588	2.079716
40	.495300	.226924	.897604	1.000000	.790002	2.086576
41	.508000	.227959	.898795	1.000000	.791833	2.091764
42	.520700	.229134	.900309	1.000000	.794175	2.098384
43	.533400	.230404	.901751	1.000000	.796424	2.104718

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